

REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF BUDGET AND MANAGEMENT

GENERAL SOLANO STREET, SAN MIGUEL, MANILA

REQUEST FOR QUOTATION

The Department of Budget and Management (DBM), through its Administrative Service (AS), will undertake a Small Value Procurement for the "Supply, Delivery, Installation and Testing of Media Kit" in accordance with Section 53.9 of the Implementing Rules and Regulations of Republic Act No. 9184.

Name of Project	:	"Supply, Delivery, Installation and Testing of Media Kit"
Approved Budget for the Contract	:	"One Hundred Ninety Four Thousand Eight Hundred Nine Three Pesos and Thirty Three Centavos" (Php194,894.33)
Specifications	:	See the attached Annex "A" for specifications
Location	:	G/F DBM Building III, Gen. Solano St., San Miguel, Manila
Delivery Term	:	Within Thirty (30) calendar days from receipt of the Notice to Proceed

Interested suppliers are required to submit their valid and current Mayor's Permit, 2016 Income/Business Tax Return, PhilGEPS Registration Number, Omnibus Sworn Statement, and price quotation form (Annex "A") during submission of offer/quotation.

Award of contract shall be made to the lowest quotation, which complies with the minimum description as stated above and other terms and conditions stated in the price quotation form.

Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by the bidder or his/her duly authorized representative/s.

Submission of quotation and eligibility documents is on or before 3:00 p.m. of **November 28, 2017** at the Administrative Service, Ground Floor, DBM Bldg. III, Gen. Solano St., San Miguel, Manila. Open submission may be submitted, manually or through facsimile at fax no. 735-1957.

For inquiry, you may contact us at tel. nos. 735-4902 or 791-2000 local 3115.

Very truly yours,

Director IV, Administrative Service

PRICE QUOTATION FORM

Date: _____

The Administrative Service Department of Budget and Management Ground Floor, DBM Bldg. III, Gen. Solano Street, San Miguel, Manila

Sir/Madam:

After having carefully read and accepted the terms and conditions in the Request for Quotation, hereunder is our quotation/s for the item/s as follows:

Description	Specification	Quan tity	Unit Price	Total Price
Supply,	A. Memory Card			
Delivery,	Memory: 16GB			
Installation	Type: SD(Secure Digital Card)			
and Testing of				
Photocopying				
Machine				
	B. Mobile phone tripod			
	> Weight: 100 g			
	> Type: Flexible tripod	1		
	Max extended length: 20-50 mm			
	Folded length: 20-50 mm			
	Use: Video camera			
	Material: Plastic			
	Color: Black			
	With mobile phone tripod mount,			
	long bolt and nut			
	C. DSLR Camera tripod			
	Maximum load: 8.8 lb (4 kg)			
	Max height (24° leg angle) w/			
	column extended: 69.7 in (177 cm)		
	Max height (24° leg angle) w/			
	column retracted: 62.6 in (159 cm))		:
	Minimum height: 16.34 in (41.5			
	cm)			
	Maximum height: 69.7 in (177 cm)			
	Folded length: 31.1 in (79 cm)			
	Number of leg sections: 3			
	Leg log type: Flip lock			
	Independent leg spread: Yes - with	n i	l	
	3 stops			-
	> Quick release (QR) plate: Slide-In			
	Video (QR6) 1/4-20 & 3/8			
	Head mount thread size: 3/8-16			
	Leveling		1	

		-		
	Weight: 5.73 lb (2.6 kg)			
	Leg diameter 1: 28.6 mm			
	Leg diameter 2: 25.2 mm			
	> Leg diameter 3: 21.8 mm			
	D. Mobile camera stabilizer		· · · ·	
	> Dimension: 2.4×1.9×6.4 inch			
	(61.8×48.2×161.5 mm)			
	Weight (including battery): 201g			-
	> Weight (including gimbal): 501g			
	Battery			
	> LiPo			
	Capacity: 980 mAh			
	Energy: 10.8 Wh			
	> Voltage: 11.1V			
	Charging Temperature:			
	> 5° to 40° C (41° to 104° F)			
	> 0° to 40° C (32° to 104° F)			
	Gimbal			i I
	Dimensions: A 02:44 20:42 F7 inch (Folded)			
	- 4.92×4.29×3.57 inch (Folded)			
	- 125.06×109.15×90.98 mm			
	> Weight: 300 g			
	Consumption: 2.5 W			
	Angular Vibration Range: ±0.03°			
	Controllable Range:			
	- Pan : ±150°			
	- Roll : ±25°			
	- Tilt : -125° to +35°			
	Mechanical Range:			
	- Pan : ±165°			
	- Roll : -50° to +90°		1	
1	- Tilt : -140° to +50°			
	Max Controllable Speed: 120°/s			
	Mobile Phone Width Range:			
	- 2.31-3.34 inch (58.6-84.8 mm)	1		
	Wireless]		1
	 Model: Bluetooth low energy 4.0 			
	Prodel: Didebournow energy 4.0			
	E. DSLR Camera 1 (Body only)		<u> </u>	
	Camera Specifications			
]	
	 Type: Single-lens reflex digital 			
	camera			
	Lens mount: F mount (with AF	1		
	coupling and AF contacts)	•		1
	Effective pixels: 24.3 million	1		1
	Image sensor: 35.9 x 24.0 mm			
	CMOS sensor (FX format) - Total			
	pixels: 24.7 million			
	> Dust-reduction system: Image			
	sensor cleaning, Image Dust Off			
L		•	····	- ·

	reference data (optional Capture		
	NX 2 software required)		
• 5	Storage		
	Image size (pixels):		
-	FX format (36x24): 6,016 x 4,016		
	(L), 4,512 × 3,008 (M), 3,008 ×		
	2,008 (S)		
_	DX format (24x16): 3,936 x 2,624		
	(L), 2,944 x 1,968 (M), 1,968 x		
		-	
	1,312 (S)		
-	FX-format photographs taken in		
	movie live view: 6,016 x 3,376 (L),		
	4,512 × 2,528 (M), 3,008 × 1,688		
	(S)		
-	DX-format photographs taken in		
	movie live view: 3,936 x 2,224 (L),		
	2,944 x 1,664 (M), 1,968 x 1,112		
	(S)		1
	File format:		
-	NEF (RAW): 12 or 14 bit, lossless		ŀ
Į I	compressed or compressed		
-	JPEG: JPEG-Baseline compliant		
	with fine (approx. 1:4), normal		ĺ
	(approx. 1:8) or basic (approx.		
	1:16) compression (Size priority);		
	Optimal quality compression		
	available		
	NEF (RAW)+JPEG: Single		
-			
	photograph recorded in both NEF		
	(RAW) and JPEG formats		
	Picture Control System: Standard,		
	Neutral, Vivid, Monochrome,		
	Portrait, Landscape; selected		
	Picture Control can be modified;		
	storage for custom Picture		
ļ	Controls		
×	Media: SD (Secure Digital) and		
	UHS-I compliant SDHC and SDXC		
	memory cards		
	Dual card slots: Slot 2 can be		
	used for overflow or backup		
	storage or for separate storage of		
	copies created using NEF+JPEG;		
	pictures can be copied between		
	cards		
	File System: DCF (Design Rule for		
	Camera File System) 2.0, DPOF		
	(Digital Print Order Format), Exif		
	(Exchangeable Image File Format		
1	for Digital Still Cameras) 2.3,		
	-		
	PictBridge		
• .	View Finder		
	View Finder: Eye-level pentaprism		
<u>></u>	View Finder: Eye-level pentaprism		

		· 1	
	single-lens reflex viewfinder		
A 1	Frame coverage:		
- 1	FX (36x24): Approx. 100%		
	horizontal and 100% vertical		
	DX (24x16): Approx. 97%		
-	horizontal and 97% vertical		
	Magnification: Approx. 0.7x (50		
	mm f/1.4 lens at infinity, -1.0 m^{-1})		
×	Eyepoint: 21 mm (-1.0 m ⁻¹ ; from		
	center surface of viewfinder		
	eyepiece lens)		
	Diopter adjustment: -3 to $+1 \text{ m}^{-1}$		
	Focusing screen: Type B BriteView		
	Clear Matte Mark VIII screen with		
	AF area brackets (framing grid can		
	be displayed)		
	Reflex mirror: Quick return		
	Depth-of-field preview: Pressing		
	depth-of-field preview button stops		
	lens aperture down to value		
	selected by user (A and M modes)		
	or by camera (other modes)		
	Lens aperture: Instant return,		
	electronically controlled		
•	Lens		
	Compatible lenses: Compatible		1
	with AF NIKKOR lenses, including		
	type G,E and D lenses (some		
	restrictions apply to PC lenses), DX		
	lenses [using DX (24x16) image		
	area], AI-P NIKKOR lenses, and		
	non-CPU AI lenses (A and M		
	modes only); IX-NIKKOR lenses,		
	lenses for the F3AF, and non-AI		
	lenses cannot be used. The		
	electronic rangefinder can be used		
	with lenses that have a maximum		1
	aperture of f/5.6 or faster (the		
	electronic rangefinder supports the		
	center 7 focus points with lenses		
	that have a maximum aperture of		ł
	f/8 or faster and the center 33		•
	focus points with lenses that have		
	a maximum aperture of f/6.8 or		
	faster)		
	hutter		
1 – – – – – – – – – – – – – – – – – – –	Type: Electronically-controlled		
	vertical-travel focal-plane shutter		
	Speed: $1/4,000$ to 30 s in steps of		
	1/3 or 1/2 EV, bulb, time (requires		ŀ
	optional ML-L3 Remote Control),		
	X200		

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Flash sync speed: X=1/200 s;
synchronizes with shutter at 1/250
s or slower (flash range drops at
speeds between 1/200 and 1/250
s)
Release
 Release Modes: S (single frame),
CL (continuous low speed), CH
(continuous high speed), Q (quiet
shutter-release), QC (quiet
continuous shutter-
release), 🖄 (self-
timer), வ (remote control), MUP
(mirror up)
Frame advance rate: Approx. 1 to
5 fps (CL), approx. 6 fps (CH) or 3
fps (QC)
> Self-timer: 2 s, 5 s, 10 s, 20 s; 1 to
9 exposures at intervals of 0.5, 1,
2 or 3 s
 Remote release modes: Delayed
remote, quick-response remote,
remote mirror-up
• Exposure
 Metering: TTL exposure metering
using 2,016-pixel RGB sensor
 Metering method:
- Matrix: 3D color matrix metering II
(type G,E and D lenses); color
matrix metering II (other CPU
lenses); color matrix metering
available with non-CPU lenses if
user provides lens data
- Center-weighted: Weight of 75%
given to 12-mm circle in center of
frame; diameter of circle can be
changed to 8, 15 or 20 mm, or
weighting can be based on average
of entire frame (non-CPU lenses
use 12-mm circle or average of
entire frame)
 Spot: Meters 4-mm circle (about
1.5% of frame) centered on
selected focus point (on center
focus point when non-CPU lens is
used)
 Range: (ISO 100, f/1.4 lens,
20°C/68°F)
- Matrix or center-weighted
metering: 0 to 20 EV
- Spot metering: 2 to 20 EV
Exposure meter coupling: Combined CPU and AI

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	Exposure modes: Auto		
	(🛱 auto; 🕏 auto [flash off]),		
	scene		
	(🐔 portrait, 🛲 landscape, 🗳 chil		
	d, 💐 sports, 📽 close up, 😫 night		
	portrait, 🖬 night	-	
	landscape, 🕅 party/indoor, 🗱bead		
	h/snow, 🛎 sunset, 🛎 dusk/dawn,		
	₩ pet		
	· · · · ·		
	portrait, 🙎 candlelight, 🏵 blosso		
	m, 🎔 autumn 📃 🔄		
	colors, 🍴 food, 🖾 silhouette, 📖 h		
	igh key, 💹 low key), programmed		
	auto with flexible program (P),		
	shutter-priority auto (S), aperture-		
	priority auto (A), manual (M), U1		
	(user settings 1), U2 (user settings		1
	2)		
	Exposure compensation: Can be		
	adjusted by -5 to +5 EV in		
	increments of 1/3 or 1/2 EV in P, S		
	A and M modes		
×	Exposure bracketing: 2 to 3 frames		
	in steps of 1/3, 1/2, 2/3, 1, 2 or 3		
	EV		
	Exposure lock: Luminosity locked		
	at detected value with AE-L/AF-L		
	button		
	ISO sensitivity (Recommended		
	Exposure Index): ISO 100 to 6400		
	in steps of 1/3 or 1/2 EV; can also		
	be set to approx. 0.3, 0.5, 0.7 or 1		
	EV (ISO 50 equivalent) below ISO		
	100 or to approx. 0.3, 0.5, 0.7, 1		ł
	or 2 EV (ISO 25600 equivalent)		
	above ISO 6400; auto ISO		
	sensitivity control available		
	Active D-Lighting: Auto, Extra high		
	High, Normal, Low, Off		
	ADL bracketing 2 frames using		
	selected value for one frame or 3		
	frames using preset values for all		
	frames		
•	Focus		
	Autofocus: Multi-CAM 4800		
	autofocus sensor module with TTL		
	phase detection, fine-tuning, 39		
	focus points (including 9 cross-type		
	sensors; the center 33 points are		
	available at apertures slower than		
	f/5.6 and faster than f/8, while the		

center 7 points are available at f/8), and AF-assist illuminator (range approx. 0.5 to 3 m/1 ft 8 in to 9 ft 10 in.)
Detection range: -1 to +19 EV (ISO 100, 20°C/68°F)
 Lens servo: Autofocus (AF): Single-servo AF (AF-S); continuous-servo AF (AF- C); auto AF-S/AF-C selection (AF- A); predictive focus tracking activated automatically according to subject status Manual focus (M): Electronic rangefinder can be used Focus point: Can be selected from 39 or 11 focus points
 AF-area modes: Single-point AF, 9-, 21- or 39-point dynamic-area AF, 3D-tracking, auto-area AF
 Focus lock: Focus can be locked by pressing shutter-release button halfway (single-servo AF) or by pressing AE-L/AF-L button
 Flash Built in flash: Auto flash with auto pop-up P, S, A, M, 11 : Manual pop-up with button release
 Guide number: Approx. 12/39, 12/39 with manual flash (m/ft, ISO 100, 20°C/68°F)
 Flash control: TTL: i-TTL flash control using 2,016-pixel RGB sensor is available with built-in flash and SB-910, SB-900, SB-800, SB-700, SB-600, SB-400 or SB- 300; i-TTL balanced fill-flash for digital SLR is used with matrix and center-weighted metering, standard i-TTL flash for digital SLR with spot metering
 Flash modes: Auto, auto with red- eye reduction, auto slow sync, auto slow sync with red-eye reduction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear- curtain with slow sync, rear-curtain sync, off; auto FP high-speed sync supported

	Flash compensation: -3 to +1 EV ir
	increments of 1/3 or 1/2 EV
	Flash bracketing: 2 to 3 frames in
	steps of 1/3, 1/2, 2/3, 1, 2 or 3 EV
	Flash-ready indicator: Lights when
	built-in flash or optional flash unit
	is fully charged; flashes after flash
	is fired at full output
	Accessory shoe: ISO 518 hot-shoe
	with sync and data contacts and
	safety lock
	Sync terminal: AS-15 Sync
	Terminal Adapter (available
	separately)
	White Balance
	White balance: Auto (2 types),
	incandescent, fluorescent (7
	types), direct sunlight, flash,
	cloudy, shade, preset manual (up
	to 4 values can be stored), choose
	color temperature (2,500 K to
	10,000 K); all with fine-tuning
	White balance bracketing: 2 to 3
	frames in steps of 1, 2 or 3
	Live View
	 Modes: Live view photography (still images), movie live view (movies)
	 Lens servo: Autofocus (AF): Single-servo AF (AF-S); full-time servo AF (AF-F), Manual focus (M)
	wide-area AF, normal-area AF,
	subject-tracking AF
	Autofocus: Contrast-detect AF
	anywhere in frame (camera
1	selects focus point automatically
1	when face-priority AF or subject-
	tracking AF is selected)
	Movie
	Metering: TTL exposure metering
	using main image sensor
	 Metering method: Matrix
	 Frame size (pixels) and frame
	• • • • • • • • • • • • • • • • • • •
	rate: 1,920 x 1,080; 30p
	(progressive), 25p, 24p 1,280 x
	720; 60p, 50p, 30p, 25p Actual
	frame rates for 60p, 50p, 30p,
	25p, and 24p are 59.94, 50,
	29.97, 25, and 23.976 fps
	respectively; options support

		· · · · · · · · · · · · · · · · · · ·	
	quality		
	Video compression: H.264/MPEG-		
	4 Advanced Video Coding		
	Audio recording format: Linear PCM		
A 1	Audio recording device: Built-in		
	monaural or external stereo		
	microphone; sensitivity		1
	adjustable		
×	Maximum length: Approx. 29 min.		
	59 s (20 min. depending on		
	frame size/rate and movie quality		
	settings)		
	Other options: Index marking,		
	time-lapse photography		
•	Monitor		
×			
	approx. 921k-dot (VGA), low-		
	temperature polysilicon TFT LCD	-	
	with approx. 170° viewing angle,		
	approx. 100% frame coverage, and		
	automatic monitor brightness		
	control using ambient brightness		
	sensor		
-	Playback		
	Playback: Full-frame and thumbnai		
	(4, 9, 72 images or calendar)		
	playback with playback zoom,		
	movie playback, photo and/or		
	movie slide shows, histogram		
	display, highlights, photo		
	information, GPS data display and		
	auto image rotation		
•	Interface		
×	USB: Hi-Speed USB		
×			
	HDMI connector	1	
	Accessory terminal: Remote cord:		
	MC-DC2 (available separately) GPS		
	unit: GP-1/GP-1A (available		
	separately)		
	Audio input: Stereo mini-pin jack		
	(3.5-mm diameter; plug-in power		
	supported)		
	Audio output: Stereo mini-pin jack		
	(3.5-mm diameter)		
	Supported Languages		
	FF		
	Chinese (Simplified and		
	Traditional), Czech, Danish,		
	Dutch, English, Finnish, French,		
	German, Greek, Hindi,	<u> </u>	

	Hungarian, Indonesian, Italian,	
	Japanese, Korean, Norwegian,	
	Polish, Portuguese (Portugal and	
	Brazil), Romanian, Russian,	
	Spanish, , Swedish, Thai, Turkish,	
	Ukrainian	
	Power source	
	> Battery: One EN-EL15	
	Rechargeable Li-ion Battery	
	Battery pack: Optional MB-D14 Multi Daware Data Data with	
	Multi-Power Battery Pack with	
	one EN-EL15 Rechargeable Li-ion	
	Battery or six AA alkaline, Ni-MH,	
	or lithium batteries	
	> AC adapter: EH-5b AC Adapter;	
ļ	requires EP-5B Power Connector	
	(available separately)	
	Tripod Socket	
	> Tripod socket: 1/4 in. (ISO 1222)	
	Dimensions / Weight	
	> Dimensions (W x H x D): Approx.	ł
	141 x 113 x 82 mm/ 5.6 x 4.4 x	
	3.2 in.	
	> Weight: Approx. 850 g/1 lb 14.0	
	oz with battery and memory card	
	but without body cap; approx.	
	760 g/1 lb 10.8 oz (camera body	
	only)	
	Operating environment	
	Operating environment:	
	Temperature: 0 to 40°C/32 to	
	104°F; humidity: 85% or less (no	
	condensation)	
	Accessories	
	Supplied accessories (may differ	
1	by country or area): EN-EL15	
	Rechargeable Li-ion Battery, MH-	
	25 Battery Charger, DK-5	
	Eyepiece Cap, DK-21 Rubber	
	Evecup, UC-E15 USB Cable, AN-	
[DC10 Camera Strap, BM-14 LCD	
	Monitor Cover, BF-1B Body Cap,	
	BS-1 Accessory Shoe Cover,	
	ViewNX 2 CD-ROM	
	F. DSLR Camera Lens	
· ·		
1	Focal Length Range: 24 -70 mm Maximum Aparture: f(2.8)	
	Maximum Aperture: f/ 2.8	
	➢ Format: FX/35mm	
	Nano Crystal Coat: Yes	
	AF-S (Silent Wave Motor): Yes	
	> Approx. Dimensions: (Diameter x	
	Length) 3.3 in. (83 mm) x 5.2	
	in. (133 mm)	

	Approx. Weight: 31.7 oz. (900 g)
	Other Specifications:
	Focal Length Range: 24 -70 mm
	> Zoom Ratio: 2.9 x
	Maximum Aperture: f/ 2.8
	Minimum Aperture: f/ 22
	> Format: FX/35mm
	Maximum Angle of View: (DX-
	format) 61°
	Minimum Angle of View: (DX-
	format) 22°50'
	Maximum Angle of View: (FX-
	format) 84°
	Minimum Angle of View: (FX-
	format) 34°20'
	 Maximum Reproduction Ratio:
	0.27x
	> Lens Elements: 15
	 Lens Groups: 11
	 Compatible Format(s): FX, DX, FX
	in DX Crop Mode 35mm Film
	Diaphragm Blades: 9 Distance Information, Ves
	Distance Information: Yes
	Nano Crystal Coat: Yes
	ED Glass Elements: 3
	> Aspherical Elements: 3
	Super Integrated Coating: Yes
	> Autofocus: Yes
	AF-S (Silent Wave Motor): Yes
	Internal Focusing: Yes
	Minimum Focus Distance: 1.2 ft. (
	0.38 m)
	Focus Mode: Auto, Manual,
	Manual/Auto
	➢ G-type: Yes
	Filter Size: 77 mm
	Accepts Filter Type: Screw-on
	G. DSLR Camera 2 (Body only)
	- Type
	- Type of camera: Single-lens reflex
	digital camera
	- Lens mount: F mount (with AF
	coupling and AF contacts)
	 Effective angle of view: DX format;
	focal length in 35mm [135] format
	equivalent to approx. 1.5x that of
	lenses with FX-format angle of
ļ	view
	- Effective pixels
	- Effective pixels: 24.1 million
	- Image sensor
	- Image sensor: 23.5 x 15.6 mm
	CMOS sensor
·	

		·	
-	Total pixels: 24.71 million		
-	Dust-reduction system: Image		
	Sensor Cleaning, Image Dust Off		
	reference data (optional Capture		
	NX 2 software required)		
-	Storage		
_	Image size (pixels):		
	DX (24x16) image area: 6000 x		
-			
	4000 [L], 4496 × 3000 [M], 2992 ×		
	2000 [S]		
-	1.3x (18x12) image area: 4800 x	ĺ	
	3200 [L], 3600 × 2400 [M], 2400 ×	ĺ	
	1600 [S]		
	Photographs with image area of DX		
	(24x16) taken in movie live view:		
	6000 x 3368 [L], 4496 x 2528 [M],		
	2992 × 1680 [S]		
	Photographs with image area of		
	1.3x (18x12) taken in movie live		
	view: 4800 x 2696 [L], 3600 x		
ļ	2024 [M], 2400 × 1344 [S]		
	File format:		
- 1	NEF (RAW): 12 or 14 bit, lossless		
1	compressed or compressed		
-	JPEG: JPEG-Baseline compliant		
	with fine (approx. 1:4), normal		
	(approx. 1:8) or basic (approx.		
	1:16) compression (Size priority);		
	Optimal quality compression		
	available		
-	NEF (RAW)+JPEG: Single		
	photograph recorded in both NEF		Į 1
1 1	(RAW) and JPEG formats		
	Picture Control System: Standard,		ļ
	Neutral, Vivid, Monochrome,		1
	Portrait, Landscape; selected		
	Picture Control can be modified;		
	storage for custom Picture Controls		
	Media: SD (Secure Digital) and		ļ
	UHS-I compliant SDHC and SDXC		
	memory cards		
	Double slot: Slot 2 can be used for		
ļ	overflow or backup storage or for		
	separate storage of copies created		
	using NEF+JPEG; pictures can be	1	ļ
	copied between cards		
	File system: DCF (Design Rule for		
	Camera File System) 2.0, DPOF		
	(Digital Print Order Format), Exif		
	(Exchangeable Image File Format		
	for Digital Still Cameras) 2.3,		
	PictBridge		
•	View Finder	<u>1</u>	L

)	View finder: Eye-level pentaprism	
	single-lens reflex viewfinder	
	> Frame coverage: Approx. 100%	
	horizontal and 100% vertical	
>	Magnification: Approx. 0.94x (50	
	mm f/1.4 lens at infinity, -1.0 m ⁻¹)	
	Eyepoint: 19.5 mm (-1.0 m ⁻¹ ; from	
	center surface of viewfinder	
	eyepiece lens)	
	Diopter adjustment: -2 to +1 m ⁻¹	
	Focusing screen: Type B BriteView	
	Clear Matte Mark II screen with AF	
	area brackets (framing grid can be	
	displayed)	
	Reflex mirror: Quick return	
	 Depth-of-field preview: Pressing 	
'	depth-of-field preview button stops	
	lens aperture down to value	
	selected by user (A and M modes)	
	or by camera (other modes)	
	 Lens aperture: Instant return, 	
	· · · · ·	
	electronically controlled	
	• Lens	
	Compatible lenses: Compatible	
	with AF NIKKOR lenses, including	
	type G and D lenses (some	
	restrictions apply to PC lenses) and	
	DX lenses, AI-P NIKKOR lenses,	
	and non-CPU AI lenses	
	(A and M modes only); IX-	
	NIKKOR lenses, lenses for the	
	F3AF, and non-AI lenses cannot be	
	used	
	The electronic rangefinder can be	
	used with lenses that have a	
	maximum aperture of f/5.6 or	
	faster (the electronic rangefinder	
	supports the center focus point	
	with lenses that have a maximum	
	aperture of f/8 or faster)	
	Shutter:	
	Type: Electronically controlled	
	vertical-travel focal-plane shutter	
	Speed: 1/8000 to 30 s in steps of	
	1/3 or 1/2 EV, bulb, time, X250	
	 Flash sync speed: X=1/250 s; 	
	synchronizes with shutter at 1/320	
	s or slower (flash range drops at	
	speeds between 1/250 and 1/320	
	s) • Release	
	CL (continuous low speed), CH	

 (continuous high speed), Q (quiet shutter release), O (self-timer), MUP (mirror up); interval timer photography supported Approximate frame advance rate: JPEG and 12-bit NEF (RAW) images recorded with DX (24x16) selected for image area: CL 1 to 6 fps, CH 6 fps
JPEG and 12-bit NEF (RAW) images recorded with 1.3x (18x12) selected for image area: CL 1 to 6 fps, CH 7 fps
- 14-bit NEF (RAW) images recorded with DX (24×16) selected for image area: CL 1 to 5 fps, CH 5 fps
- 14-bit NEF (RAW) images recorded with 1.3x (18x12) selected for image area: CL 1 to 6 fps, CH 6 fps
 Self-timer: 2 s, 5 s, 10 s, 20 s; 1 to 9 exposures at intervals of 0.5, 1, 2 or 3 s
 Remote control modes (ML-L3): Delayed remote, quick-response remote, remote mirror-up
• Exposure
Metering mode: TTL exposure metering using 2016-pixel RGB sensor
 Metering method: Matrix: 3D color matrix metering II (type G and D lenses); color matrix metering II (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data
- Center-weighted: Weight of 75% given to 8-mm circle in center of frame; diameter of circle can be changed to 6, 10, or 13 mm, or weighting can be based on average of entire frame (non-CPU lenses use 8-mm circle)
 Spot: Meters 3.5-mm circle (about 2.5% of frame) centered on selected focus point (on center focus point when non-CPU lens is used)

		······································
×	Range (ISO 100, f/1.4 lens,	
	20°C/68°F): Matrix or center-weighted	
	Matrix or center-weighted metering: 0 to 20 EV	
	Spot metering: 2 to 20 EV	
-	Exposure meter coupling:	
	Combined CPU and AI	
	Exposure modes: Auto modes	
	anto 👝	
:	(Cauto; Cauto [flash off]); programmed auto with flexible	
	program (P); shutter-priority	
	auto (S); aperture-priority auto	
	(A); manual (M); scene modes	
	(X portrait; 🖬 landscape; 🙅 chi	
	ld; 👻 sports; 📽 close	
	up; 🗳 night 🛛 portrait; 🛋 night	
	landscape; 🕺 party/indoor; 👪 b	
	each/snow; 🚔 sunset; 🚔dusk/da	
	wn; 🖬 pet	
	portrait; 🔒 candlelight; 🐼 bloss	
	om; 🚱 autumn colors; 🎞 food);	
-	special effects modes (22 night	
	vision; 😵 color	
	sketch; 🐼 i miniature	
	effect; st selective	
	color; $\stackrel{\scriptstyle{\scriptstyle{\frown}}}{\simeq}$ silhouette; 🕅 high	
	key; key); U1 user	
	settings 1); U2 user settings 2)	
	Exposure compensation: Can be	
	adjusted by -5 to +5 EV in increments of $1/2$ or $1/2$ EV	
	increments of 1/3 or 1/2 EV	
	in P , S , A and M modes Exposure bracketing: 2 to 5	
	frames in steps of $1/3$, $1/2$, $2/3$,	
	1, 2 or 3 EV	
	Exposure lock: Luminosity locked	
	at detected value with AFL AE-	
	L/AF-L button	
	ISO sensitivity (Recommended	
	Exposure Index): ISO 100 to	
	6400 in steps of 1/3 EV; can also	
	be set to approx. 0.3, 0.5, 0.7, 1	
	or 2 EV (ISO 25600 equivalent)	
	above ISO 6400; auto ISO	
	sensitivity control available	
	Active D-lighting: Auto, extra	
	high, high, normal, low, off	
	ADL Bracketing: 2 frames using	
	selected value for one frame or 3	
	frames using preset values for all	

					·
		frames		1	1
		Focus			1
	≻	Autofocus: Advanced Multi-CAM			
		3500DX autofocus sensor module			
		with TTL phase detection, fine-		[
		tuning, 51 focus points (including			ſ
		15 cross-type sensors; the center		İ	
		point is available at apertures			
		slower than f/5.6 and faster than			
		f/8 or at f/8), and AF-assist			
		illuminator (range approx. 0.5 to			
		3 m/1 ft 8 in. to 9 ft 10 in.)		1	
	8	Detection range: -2 to +19 EV		1	
		(ISO 100, 20°C/68°F)			1
		•			
	~	Lens servo: Autofocus (AF):		l.	
		Single-servo AF (AF-S);			
		continuous-servo AF (AF-C); auto			
		AF-S/AF-C selection (AF-A);			
		predictive focus tracking activated			
		automatically according to subject			
		status Manual focus (M):			
		Electronic rangefinder can be			
		-			
		used			
	>	Focus point: Can be selected			
		from 51 or 11 focus points			
	\triangleright	AF-area modes: Single-point AF,			
		9-, 21- or 51-point dynamic-area			
		AF, 3D-tracking, auto-area AF			
	≻	Focus lock: Focus can be locked			
		by pressing shutter-release		1	
		button halfway (single-servo AF)	-		
		16-1			
		or by pressing at AE-L/AF-L			
		button			
	•	Flash			
	\succ	Built in flash:			
		智, 亥, 冬, �, 图, 淡, ∀, -			
		🐼 : Auto flash with auto pop-up			ł
		P,S,A,M,II: Manual			
		pop-up with button release			
	\triangleright	Guide number: Approx. 12/39,			
		12/39 with manual flash (m/ft,			
		ISO 100, 20°C/68°F)			
ļ -	≻	Flash control: TTL: i-TTL flash			
		control using 2016-pixel RGB			
		sensor is available with built-in			
		flash and SB-910, SB-900, SB-	1		
		800, SB-700, SB-600 or SB-400;			
		i-TTL balanced fill-flash for digital			
		SLR is used with matrix and			
		center-weighted metering,			
		standard i-TTL flash for digital			
		SLR with spot metering			
	Þ	Flash modes: Auto, auto with red-			
L			<u> </u>		

	eye reduction, auto slow sync,		
	auto slow sync with red-eye		
	reduction, fill-flash, red-eye		1
	reduction, slow sync, slow sync		
	with red-eye reduction, rear-		
	curtain with slow sync, rear-		
	curtain sync, off; Auto FP High-		
	Speed Sync supported		
	Flash compensation: -3 to +1 EV		
	in increments of 1/3 or 1/2 EV		
	Flash bracketing: 2 to 5 frames in		
	steps of 1/3, 1/2, 2/3, 1, 2 or 3		
	EV		
	Flash ready indicator: Lights		
	when built-in flash or optional		
	flash unit is fully charged; flashes		
	after flash is fired at full output		
	Accessory shoe: ISO 518 hot-		
	shoe with sync and data contacts		
	and safety lock		
	· · · · · · · ·		
۳ م			
	Terminal Adapter (available		
	separately)		
×	White balance: Auto (2 types),		
	incandescent, fluorescent (7		
	types), direct sunlight, flash,		
]	cloudy, shade, preset manual (up		
	to 6 values can be stored, Spot		
	White Balance measurement		
	available during live view),		
	choose color temperature (2500 K		
	to 10000 K), all with fine-tuning		
	White balance bracketing: 2 to 5		
	frames in steps of 1, 2 or 3		
•	Live View		
4	Modes: Live view photography		
	(still images), movie live view		1
	(movies)		
A 1	Lens servo: Autofocus (AF):		
	Single-servo AF (AF-S); full-time		
	servo AF (AF-F) Manual focus (M)		
	AF-Area modes: Face-priority AF,		
	wide-area AF, normal-area AF,		
	subject-tracking AF		
	Autofocus: Contrast-detect AF		
	anywhere in frame (camera]	
	selects focus point automatically		
	when face-priority AF or subject-		
I [tracking AF is selected)		
	Movie		
	Metering: TTL exposure metering		
	using main image sensor		
	using main image sensor	! !	J

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	Metering method: Matrix		
-	Frame size (pixels) and frame		
	rate:		
-	1920 x 1080; 60i (59.94		
	fields/s)/50i (50 fields/s)*		
	1920 x 1080; 30p (progressive),		
	25p, 24p		
-	1280 x 720; 60p, 50p		
-	Actual frame rates for 60p, 50p,		
	30p, 25p and 24p are 59.94, 50,		
	29.97, 25 and 23.976 fps		
	respectively; options support both		
	high and normal image quality		
	*Available only when 1.3x		1
	(18x12) is selected for image		
	• • •		
	area; sensor output is about 60		-
	or 50 fps		
	File format: MOV		
	Video compression:		
	H.264/MPEG-4 Advanced Video		
	Coding	. [.	
	Audio recording format: Linear		
	PCM		
	Audio recording device: Built-in or		
	external stereo microphone;		
			ļ
	sensitivity adjustable		
	Maximum length: 29 min. 59 s		
•			
 > 			
[1229k-dot (VGA; 640 \times 480 \times 4 =		
	1,228,800 dots), TFT monitor		
	with approx. 170° viewing angle,		
	approx. 100% frame coverage		
	and brightness adjustment		
	Playback		
			1
	thumbnail (4, 9, or 72 images or		
	calendar) playback with playback		
	zoom, movie playback, photo		
	and/or movie slide shows,		
	histogram display, highlights,		
	photo information, GPS data		
	display and auto image rotation		1
•	Interface		
	USB: Hi-Speed USB		
	HDMI output: HDMI mini		
	connector (Type C)		Ē
	remote controller: WR-1 and WR-		
	R10 (available separately),		
	Remote cord: MC-DC2 (available		
	separately), GPS unit: GP-1/GP-		
	1A (available separately)		
L			

		1
	Audio input: Stereo mini-pin jack	
	(3.5-mm diameter; plug-in power	
	supported)	
	Audio output: Stereo mini-pin	
	jack (3.5-mm diameter)	
	Supported languages: Arabic,	
	Bengali, Chinese (Simplified and	
	Traditional), Czech, Danish,	
	Dutch, English, Finnish, French,	
	German, Greek, Hindi, Hungarian,	
	Indonesian, Italian, Japanese,	
	Korean, Norwegian, Persian,	
	Polish, Portuguese (European and	
	Brazilian), Romanian, Russian,	
	Spanish, Swedish, Tamil, Thai,	
	Turkish, Ukrainian, Vietnamese	
	Power Source	
•		
	,	
	Rechargeable Li-ion Battery	
	Battery Pack: Optional MB-D15	
	Multi-Power Battery Pack with	
	one EN-EL15 Rechargeable Li-ion	
	Battery or six AA-size alkaline, Ni-	
	MH or lithium batteries	
	AC adapter: EH-5b AC Adapter;	
	requires EP-5B Power Connector	
	(available separately)	
	Tripod socket	
	Tripod socket: 1/4 in. (ISO 1222)	
	•	
	Dimensions / Weight	
>	Dimensions (HxWxD): Approx.	
	135.5 x 106.5 x 76 mm/5.3 x 4.2	
	x 3.0 in.	
	Weight: Approx. 765 g/1 lb 11.0	
	oz with battery and memory card	
	but without body cap; approx.	
	675 g/1 lb 7.8 oz (camera body	
	only)	
•	Operating Environment	
	Operating environment:	
	Temperature: 0 to 40°C/32 to	
	104°F; humidity: 85% or less (no	
	condensation)	
	Accessories	
	Supplied accessories (may differ	
	by country or area): EN-EL15	
	Rechargeable Li-ion Battery, MH-	
	25 Battery Charger, DK-5	
	Eyepiece Cap, DK-23 Rubber	
	Eyecup, UC-E6 USB Cable, AN-	
	DC1 BK Camera Strap, BF-1B	
	Body Cap, BS-1 Accessory Shoe	
	Cover, ViewNX 2 CD-ROM	
		l

	Laptop Computer
[[] [] [] [] [] [] [] [] [] [] [] [] []	
	Specifications Intel Core IF 7200UDressesser
	> Intel Core i5-7200UProcessor,
	2.5GHz (3M Cache, up to 3.1 GHz)
	> Windows 10 (64bit)
	> 14.0'//LED Back-lit//Ultra Slim
	300nits//FHD 1920x1080
	16:9//Anti-Glare//NTSC:72%//WV
	> DDR4 4GB
	> 4G
	> SATA3 256G M.2 SSD
	> HDMI 1.4
	> Discrete
	> NVIDIA GeForce 940MX (N16S-
	GTR)
	Intel HD graphics 620
	➢ GDDR3 2GB
	HD Web Camera
	> 802.11ac+Bluetooth 4.1 (Dual
	band) 2*2
	> Sepc: SD, MMC
·	> 1 x USB 2.0
	▶ 1 x USB 3.0
	> 1 x USB 3.1 Type C (gen 1)
	1 x Headphone-out & Audio-in
	Combo Jack
	> 1 x micro HDMI
	1 x smart card reader
	Built-in speaker
	Built-in microphone
	> Audio by ICEpower
	> 1.00 KG (without battery)
	> 1.30 KG (with 3 cell battery)
	> 32.4(W) x 22.5(D) x 1.59 ~ 1.59
	(H) cm
	> 65W AC adapter
	> Output: 19V DC, 3.42A, 65W
	> Input: 100~240V AC, 50/60 Hz
	universal
	> 50WHrs, 3S1P, 3-cell Li-on
	 Illuminated Chiclet keyboard
1	 ASUS Screen saver
	 ASUS Smart Gesture
	 ASUS Splendid
	 TPM (Firmware TPM)
	 HDD User password protection and
	security
	 BIOS Booting User Password
	Protection
L	> Sleeve

 > Laptop Bag	
 I. Wireless Mouse	
 Sensor: Laser sensor(1600 CPI max) 	
 Buttons: Two primary buttons and Clickable scroll wheel 	
 USB: Wireless receiver at 2.4 GHz With battery 	
J. Warranty ➤ One (1) year on parts and Three (3) years on service	
 * Inclusive of Delivery and Installatio	n
 Total (inclusive of VAT)

(Amount in Words) ______

The above-quoted prices are inclusive of all costs and applicable taxes.

.

Very truly yours,

Name/Signature of Representative

Name of Company

Contact No.

TECHNICAL SPECIFICATIONS

Item	Technical Specifications	STATEMENT OF COMPLIANCE
·	Supply, Delivery, Installation and Testing of Media Kit	
I.	Memory Card	
	Memory: 16GB	
	Type: SD(Secure Digital Card)	
II.	Mobile phone tripod	
	> Weight: 100 g	
•	Type: Flexible tripod	
	Max extended length: 20-50 mm	
	Folded length: 20-50 mm	
	 Use: Video camera Mataviata Diantia 	
	> Material: Plastic	
	 Color: Black With mobile phone tripod mount, long bolt and nut 	
III.	DSLR Camera tripod	
111.	> Maximum load: 8.8 lb (4 kg)	
	 Max height (24° leg angle) w/ column extended: 69.7 in 	
	(177 cm)	
	 Max height (24° leg angle) w/ column retracted: 62.6 in (159 	
	cm)	
	Minimum height: 16.34 in (41.5 cm)	
	Maximum height: 69.7 in (177 cm)	
	Folded length: 31.1 in (79 cm)	
	Number of leg sections: 3	
	Leg log type: Flip lock	
	Independent leg spread: Yes - with 3 stops	
	> Quick release (QR) plate: Slide-In Video (QR6) 1/4-20 & 3/8	
	Head mount thread size: 3/8-16 Leveling	
	> Weight: 5.73 lb (2.6 kg)	
	Leg diameter 1: 28.6 mm	
	Leg diameter 2: 25.2 mm]
T 1 /	> Leg diameter 3: 21.8 mm	······
IV.	Mobile camera stabilizer Dimension: 2.4×1.9×6.4 inch	
	Dimension: 2.4×1.9×6.4 inch (61.8×48.2×161.5 mm)	
	\rightarrow Weight (including battery): 201g	
	 Weight (including battery): 201g Weight (including gimbal): 501g 	
	Weight (including ginibal): 301g Battery	
	> LiPo	
	 Capacity: 980 mAh 	1
	> Energy: 10.8 Wh	
	> Voltage: 11.1V	
	Charging Temperature:	
	> 5° to 40° C (41° to 104° F)	

	> 0° to 40° C (32° to 104° F)
1	• Gimbal
	 Dimensions:
	- 4.92×4.29×3.57 inch (Folded)
	- 125.06×109.15×90.98 mm
	> Weight: 300 g
	 Consumption: 2.5 W
	 Angular Vibration Range: ±0.03°
	 Controllable Range:
	- Pan : $\pm 150^{\circ}$
	$- \text{Roll} : \pm 25^{\circ}$
	$- \text{Koll} := 25^{\circ}$ - Tilt : -125° to +35°
	Mechanical Range:
	- Pan : ±165°
	- Roll : -50° to +90°
	- Tilt : -140° to +50°
	Max Controllable Speed: 120°/s
	Mobile Phone Width Range:
	- 2.31-3.34 inch (58.6-84.8 mm)
	Wireless
	Model: Bluetooth low energy 4.0
V.	DSLR Camera 1 (Body only)
	Camera Specifications
	Type: Single-lens reflex digital camera
	Lens mount: F mount (with AF coupling and AF contacts)
	Effective pixels: 24.3 million
	Image sensor: 35.9 x 24.0 mm CMOS sensor (FX format) -
	Total pixels: 24.7 million
ŀ	Dust-reduction system: Image sensor cleaning, Image Dust
	Off reference data (optional Capture NX 2 software required)
	Storage
	> Image size (pixels): $\sum f_{1} = \sum (2 + 2) + (2 + 2) $
	- FX format (36x24): 6,016 x 4,016 (L), 4,512 x 3,008 (M),
	$3,008 \times 2,008$ (S)
	- DX format (24x16): 3,936 x 2,624 (L), 2,944 x 1,968 (M),
	1,968 x 1,312 (S)
	- FX-format photographs taken in movie live view: $6,016 \times 12,776 \text{ (III)} = 4,512 \times 2,528 \text{ (M)} = 2,008 \times 1,688 \text{ (S)}$
	3,376 (L), 4,512 x 2,528 (M), 3,008 x 1,688 (S)
	- DX-format photographs taken in movie live view: $3,936 \times 12224 (L) = 2.924 $
	2,224 (L), 2,944 × 1,664 (M), 1,968 × 1,112 (S)
	> File format:
	- NEF (RAW): 12 or 14 bit, lossless compressed or
	compressed
	- JPEG: JPEG-Baseline compliant with fine (approx. 1:4),
	normal (approx. 1:8) or basic (approx. 1:16) compression
	(Size priority); Optimal quality compression available
	 NEF (RAW)+JPEG: Single photograph recorded in both NEF
	(RAW) and JPEG formats
	Picture Control System: Standard, Neutral, Vivid, Manual Annual Restrict Annual Control
	Monochrome, Portrait, Landscape; selected Picture Control
. <u> </u>	can be modified; storage for custom Picture Controls

Media: SD (Secure Digital) and UHS-I compliant SDHC and SDVC	
SDXC memory cards	
Dual card slots: Slot 2 can be used for overflow or backup	
storage or for separate storage of copies created using	
NEF+JPEG; pictures can be copied between cards	
File System: DCF (Design Rule for Camera File System) 2.0,	
DPOF (Digital Print Order Format), Exif (Exchangeable	
Image File Format for Digital Still Cameras) 2.3, PictBridge	
View Finder	
View Finder: Eye-level pentaprism single-lens reflex	
viewfinder	
Frame coverage:	
- FX (36x24): Approx. 100% horizontal and 100% vertical	
- DX (24x16): Approx. 97% horizontal and 97% vertical	
Magnification: Approx. 0.7x (50 mm f/1.4 lens at infinity, -	
1.0 m ⁻¹)	
Eyepoint: 21 mm (-1.0 m ⁻¹ ; from center surface of viewfinder	
eyepiece lens)	
> Diopter adjustment: -3 to +1 m^{-1}	
 Focusing screen: Type B BriteView Clear Matte Mark VIII 	
screen with AF area brackets (framing grid can be displayed)	
 Reflex mirror: Quick return 	
Depth-of-field preview: Pressing depth-of-field preview	
button stops lens aperture down to value selected by user (A	
and M modes) or by camera (other modes)	
Lens aperture: Instant return, electronically controlled	
• Lens	
Compatible lenses: Compatible with AF NIKKOR lenses,	
including type G,E and D lenses (some restrictions apply to	
PC lenses), DX lenses [using DX (24x16) image area], AI-P	
NIKKOR lenses, and non-CPU AI lenses (A and M modes	
only); IX-NIKKOR lenses, lenses for the F3AF, and non-AI	
lenses cannot be used. The electronic rangefinder can be	
used with lenses that have a maximum aperture of f/5.6 or	
faster (the electronic rangefinder supports the center 7 focus	1
points with lenses that have a maximum aperture of f/8 or	
faster and the center 33 focus points with lenses that have a	
maximum aperture of f/6.8 or faster)	
Shutter	
Type: Electronically-controlled vertical-travel focal-plane	
shutter	
Speed: 1/4,000 to 30 s in steps of 1/3 or 1/2 EV, bulb, time	
(requires optional ML-L3 Remote Control), X200	
Flash sync speed: X=1/200 s; synchronizes with shutter at	
1/250 s or slower (flash range drops at speeds between	1
1/200 and 1/250 s)	
Release	
Release Modes: S (single frame), CL (continuous low speed),	
CH (continuous high speed), Q (quiet shutter-release), QC	
(quiet continuous shutter-release), \circlearrowright (self-	
timer), en (remote control), MUP (mirror up)	
Frame advance rate: Approx. 1 to 5 fps (CL), approx. 6 fps	

rr	
	(CH) or 3 fps (QC) Self-timer: 2 s, 5 s, 10 s, 20 s; 1 to 9 exposures at intervals
	of 0.5, 1, 2 or 3 s
	Remote release modes: Delayed remote, quick-response
	remote, remote mirror-up
• •	Exposure
	Metering: TTL exposure metering using 2,016-pixel RGB
	sensor
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	Matrix: 3D color matrix metering II (type G,E and D lenses);
	color matrix metering II (other CPU lenses); color matrix
	metering available with non-CPU lenses if user provides lens
	data Center-weighted: Weight of 75% given to 12-mm circle in
	center of frame; diameter of circle can be changed to 8, 15
	or 20 mm, or weighting can be based on average of entire
	frame (non-CPU lenses use 12-mm circle or average of entire
	frame)
×	
	selected focus point (on center focus point when non-CPU
	lens is used)
	Range: (ISO 100, f/1.4 lens, 20°C/68°F)
-	Matrix or center-weighted metering: 0 to 20 EV
-	Spot metering: 2 to 20 EV
	Exposure meter coupling: Combined CPU and AI
	Exposure modes: Auto (auto; auto; auto [flash off]), scene
	(🐔 portrait, 📟 landscape, 📽 child, 🦄 sports, 📽 close
	up, 🔊 night portrait, 🖬 night
	landscape, 💥 party/indoor, 🎜beach/snow, 🌥 sunset, 🏔 du
	sk/dawn, 📅 pet
	portrait, 🙎 candlelight, 🏵 blossom, 堅 autumn
	colors, 🎁 food, 🛋 silhouette, 💹 high key, 🔛 low key),
	programmed auto with flexible program (P), shutter-priority
	auto (S), aperture-priority auto (A), manual (M), U1 (user
	settings 1), U2 (user settings 2)
	Exposure compensation: Can be adjusted by -5 to +5 EV in
	increments of 1/3 or 1/2 EV in P, S, A and M modes
	1, 2 or 3 EV Exposure lock: Luminosity locked at detected value with AE-
	L/AF-L button
	ISO sensitivity (Recommended Exposure Index): ISO 100 to
	6400 in steps of 1/3 or 1/2 EV; can also be set to approx.
	0.3, 0.5, 0.7 or 1 EV (ISO 50 equivalent) below ISO 100 or
	to approx. 0.3, 0.5, 0.7, 1 or 2 EV (ISO 25600 equivalent)
	above ISO 6400; auto ISO sensitivity control available
>	ADL bracketing 2 frames using selected value for one frame
_	or 3 frames using preset values for all frames
• F	OCUS Autofocus: Multi-CAM 4800 autofocus sensor module with
	TTL phase detection, fine-tuning, 39 focus points (including
	The phase detection, mile taning, 55 focus points (including)

	9 cross-type sensors; the center 33 points are available at	
	apertures slower than f/5.6 and faster than f/8, while the	
	center 7 points are available at f/8), and AF-assist illuminato	
	(range approx. 0.5 to 3 m/1 ft 8 in. to 9 ft 10 in.)	
	> Detection range: -1 to +19 EV (ISO 100, 20°C/68°F)	
	> Lens servo:	
.	- Autofocus (AF): Single-servo AF (AF-S); continuous-servo	
	AF (AF-C); auto AF-S/AF-C selection (AF-A); predictive	
	focus tracking activated automatically according to subject	
	status	
	- Manual focus (M): Electronic rangefinder can be used	
	Focus point: Can be selected from 39 or 11 focus points	
	AF-area modes: Single-point AF, 9-, 21- or 39-point	
	dynamic-area AF, 3D-tracking, auto-area AF	
	Focus lock: Focus can be locked by pressing shutter-release	
	button halfway (single-servo AF) or by pressing AE-L/AF-L	
	button	
•	Flash	
	> 🛛 Built in flash: 🛱 , 🐔 , 🙅 , 🌄 , 🖼 , 💥 , 😽 : Auto flash	
	with auto pop-up P, S, A, M, 🚺 : Manual pop-up with button	
	release	
	Guide number: Approx. 12/39, 12/39 with manual flash	
	(m/ft, ISO 100, 20°C/68°F)	
	Flash control: TTL: i-TTL flash control using 2,016-pixel RGB	
	sensor is available with built-in flash and SB-910, SB-900,	
	SB-800, SB-700, SB-600, SB-400 or SB-300; i-TTL balanced	
	fill-flash for digital SLR is used with matrix and center-	
	weighted metering, standard i-TTL flash for digital SLR with	
	spot metering	
	Flash modes: Auto, auto with red-eye reduction, auto slow	
	sync, auto slow sync with red-eye reduction, fill-flash, red- eye reduction, slow sync, slow sync with red-eye reduction,	
	rear-curtain with slow sync, rear-curtain sync, off; auto FP	
	high-speed sync supported	
	 Flash compensation: -3 to +1 EV in increments of 1/3 or 1/2 	
	EV	
	Flash bracketing: 2 to 3 frames in steps of 1/3, 1/2, 2/3, 1, 2	
	or 3 EV	
	Flash-ready indicator: Lights when built-in flash or optional	
	flash unit is fully charged; flashes after flash is fired at full	
	output	
	Accessory shoe: ISO 518 hot-shoe with sync and data	
	contacts and safety lock	
	Sync terminal: AS-15 Sync Terminal Adapter (available	
	separately)	
•	White Balance	
	White balance: Auto (2 types), incandescent, fluorescent (7	
	types), direct sunlight, flash, cloudy, shade, preset manual	
	(up to 4 values can be stored), choose color temperature	
	(2,500 K to 10,000 K); all with fine-tuning	
	White balance bracketing: 2 to 3 frames in steps of 1, 2 or 3	
L	Live View	

T	N. Madan Liva viau photography (still imagos) mavia liva viau
	 Modes: Live view photography (still images), movie live view (movies)
	 Lens servo: Autofocus (AF): Single-servo AF (AF-S); full- time servo AF (AF-F), Manual focus (M)
	 AF-area modes: Face-priority AF, wide-area AF, normal- area AF, subject-tracking AF
	 Autofocus: Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)
	Movie
ĺ	Metering: TTL exposure metering using main image sensor
ĺ	Metering method: Matrix
	 Frame size (pixels) and frame rate: 1,920 x 1,080; 30p (progressive), 25p, 24p 1,280 x 720; 60p, 50p, 30p, 25p Actual frame rates for 60p, 50p, 30p, 25p, and 24p are 59.94, 50, 29.97, 25, and 23.976 fps respectively; options
	support both \star high and normal image quality
	File format: MOV
	Video compression: H.264/MPEG-4 Advanced Video Coding
	 Audio recording format: Linear PCM Audio recording device: Built-in monaural or external stereo
	microphone; sensitivity adjustable
	 Maximum length: Approx. 29 min. 59 s (20 min. depending
	on frame size/rate and movie quality settings)
	Other options: Index marking, time-lapse photography
	Monitor
	 Monitor: Monitor 8-cm (3.2-in.), approx. 921k-dot (VGA), low-temperature polysilicon TFT LCD with approx. 170° viewing angle, approx. 100% frame coverage, and automatic monitor brightness control using ambient brightness sensor Playback
	 Playback Playback: Full-frame and thumbnail (4, 9, 72 images or
	calendar) playback with playback zoom, movie playback,
	photo and/or movie slide shows, histogram display,
	highlights, photo information, GPS data display and auto
	image rotation
	Interface Interface
	USB: Hi-Speed USB HDML output: Type C mini-pin HDML connector
	 HDMI output: Type C mini-pin HDMI connector Accessory terminal: Remote cord: MC-DC2 (available
	separately) GPS unit: GP-1/GP-1A (available separately)
	 Audio input: Stereo mini-pin jack (3.5-mm diameter; plug-in)
	power supported)
ļ	Audio output: Stereo mini-pin jack (3.5-mm diameter)
	Supported Languages
	Supported Languages: Arabic, Chinese (Simplified and Supported Languages: Arabic, Chinese (Simplified and Simplified and Si
	Traditional), Czech, Danish, Dutch, English, Finnish,
	French, German, Greek, Hindi, Hungarian, Indonesian, Italian Japanasa Karaan Nanyagian Polish Portuguasa
İ	Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Portugal and Brazil) Pomanian Bussian Spanish
	(Portugal and Brazil), Romanian, Russian, Spanish, , Swedish, Thai, Turkish, Ukrainian
	Power source

		Battery: One EN-EL15 Rechargeable Li-ion Battery	
	> E	Battery pack: Optional MB-D14 Multi-Power Battery Pack	
1	١	with one EN-EL15 Rechargeable Li-ion Battery or six AA	
		alkaline, Ni-MH, or lithium batteries	
		AC adapter: EH-5b AC Adapter; requires EP-5B Power	
-		Connector (available separately)	
		ipod Socket	
		Tripod socket: 1/4 in. (ISO 1222)	
		mensions / Weight	
	> I	Dimensions (W \times H \times D): Approx. 141 \times 113 \times 82 mm/ 5.6	
	>	x 4.4 x 3.2 in.	:
	> 1	Weight: Approx. 850 g/1 lb 14.0 oz with battery and	
		memory card but without body cap; approx. 760 g/1 lb	
		10.8 oz (camera body only)	
		perating environment	
		Operating environment: Temperature: 0 to 40°C/32 to	
		104°F; humidity: 85% or less (no condensation)	
		ccessories	
	> 9	Supplied accessories (may differ by country or area): EN-	
		EL15 Rechargeable Li-ion Battery, MH-25 Battery Charger,	
	-	DK-5 Eyepiece Cap, DK-21 Rubber Eyecup, UC-E15 USB	
		Cable, AN-DC10 Camera Strap, BM-14 LCD Monitor Cover,	
		BF-1B Body Cap, BS-1 Accessory Shoe Cover, ViewNX 2	
		CD-ROM	
VI.	_	Camera Lens	
		Focal Length Range: 24 -70 mm	
	≻ I	Maximum Aperture: f/ 2.8	
		Maximum Aperture: f/ 2.8 Format: FX/35mm	
		Maximum Aperture: f/ 2.8	
		Maximum Aperture: f/ 2.8 Format: FX/35mm	
		Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes	
		Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm)	
		Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm)	
		Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g)	
	> > > > /	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications:	
	> > > / > / > /	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm	
	> > > > > >	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x	
	• Ot	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8	
	> > > > > > > > > > > > > > > > > > >	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 22	
	> > > > > > > > > > > > > > > > > > >	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Format: FX/35mm	
	> > > > > > > > > > > > > > > > > > >	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 22	
	• Oti	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Format: FX/35mm	
	• Oti	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 22 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50'	
	• Ot • Ot	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 2.2 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84°	
	• Ot	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 22 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20'	
	• Oti	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20' Maximum Reproduction Ratio: 0.27 x	
	• • • • • • • • • • • • • • • • • • •	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 22 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20' Maximum Reproduction Ratio: 0.27 x Lens Elements: 15	
	• • • • • • • • • • • • • • • • • • •	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 22 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20' Maximum Reproduction Ratio: 0.27 x Lens Elements: 15 Lens Groups: 11	
	• • • • • • • • • • • • • • • • • • •	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 2.2 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20' Maximum Angle of View: (FX-format) 34°20' Maximum Reproduction Ratio: 0.27 x Lens Elements: 15 Lens Groups: 11 Compatible Format(s): FX, DX, FX in DX Crop Mode 35mm	
	• • • • • • • • • • • • • • • • • • •	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 2.2 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20' Maximum Reproduction Ratio: 0.27 x Lens Elements: 15 Lens Groups: 11 Compatible Format(s): FX, DX, FX in DX Crop Mode 35mm Film	
	• • • • • • • • • • • • • • • • • • •	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 2.2 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20' Maximum Angle of View: (FX-format) 34°20' Maximum Reproduction Ratio: 0.27 x Lens Elements: 15 Lens Groups: 11 Compatible Format(s): FX, DX, FX in DX Crop Mode 35mm	
	· · · · · · · · · · · · · · · · · · ·	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 2.2 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20' Maximum Reproduction Ratio: 0.27 x Lens Elements: 15 Lens Groups: 11 Compatible Format(s): FX, DX, FX in DX Crop Mode 35mm Film	
	· · · · · · · · · · · · · · · · · · ·	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 2.2 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 61° Minimum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20' Maximum Angle of View: (FX-format) 34°20' Maximum Reproduction Ratio: 0.27 x Lens Elements: 15 Lens Groups: 11 Compatible Format(s): FX, DX, FX in DX Crop Mode 35mm Film Diaphragm Blades: 9	
	 A A A A A A A A A A A A A A A A A A A	Maximum Aperture: f/ 2.8 Format: FX/35mm Nano Crystal Coat: Yes AF-S (Silent Wave Motor): Yes Approx. Dimensions: (Diameter x Length) 3.3 in. (83 mm) x 5.2 in. (133 mm) Approx. Weight: 31.7 oz. (900 g) her Specifications: Focal Length Range: 24 -70 mm Zoom Ratio: 2.9 x Maximum Aperture: f/ 2.8 Minimum Aperture: f/ 2.8 Minimum Aperture: f/ 22 Format: FX/35mm Maximum Angle of View: (DX-format) 61° Minimum Angle of View: (DX-format) 22°50' Maximum Angle of View: (FX-format) 84° Minimum Angle of View: (FX-format) 34°20' Maximum Angle of View: (FX-format) 34°20' Maximum Reproduction Ratio: 0.27 x Lens Elements: 15 Lens Groups: 11 Compatible Format(s): FX, DX, FX in DX Crop Mode 35mm Film Diaphragm Blades: 9 Distance Information: Yes	

 Aspherical Elements: 3 Super Integrated Coating: Yes Autofocus: Yes AF-S (Silent Wave Motor): Yes Internal Focusing: Yes Minimum Focus Distance: 1.2 ft. (0.38 m) Focus Mode: Auto, Manual, Manual/Auto G-type: Yes Filter Size: 77 mm Accepts Filter Type: Screw-on VII. DSLR Camera 2 (Body only) Type Type of camera: Single-lens reflex digital camera Lens mount: F mount (with AF coupling and AF contacts) Effective angle of view: DX format; focal length in 35mm [135] format equivalent to approx. 1.5x that of lenses with FX-format angle of view Effective pixels Effective pixels Effective pixels Effective pixels: 24.1 million Image sensor: 23.5 x 15.6 mm CMOS sensor Total pixels: 24.71 million Dust-reduction system: Image Sensor Cleaning, Image Dust Off reference data (optional Capture NX 2 software required) Storage Image size (pixels): DX (24x16) image area: 4800 x 3200 [L], 3600 x 2400 [M], 2400 x 1600 [S] Photographs with image area of DX (24x16) taken in movie live view: 6000 x 3368 [L], 4496 x 2528 [M], 2992 x 1680 [S] Photographs with image area of 1.3x (18x12) taken in movie live view: 4800 x 2696 [L], 3600 x 2024 [M], 2400 x 1344 [S] File format: NEF (RAW): 12 or 14 bit, lossless compressed or compressed 	
 Autofocus: Yes AF-5 (Silent Wave Motor): Yes Internal Focusing: Yes Minimum Focus Distance: 1.2 ft. (0.38 m) Focus Mode: Auto, Manual, Manual/Auto G-type: Yes Filter Size: 77 mm Accepts Filter Type: Screw-on VII. DSLR Camera 2 (Body only) Type Type of camera: Single-lens reflex digital camera Lens mount: F mount (with AF coupling and AF contacts) Effective angle of view: DX format; focal length in 35mm [135] format equivalent to approx. 1.5x that of lenses with FX-format angle of view Effective pixels Effective pixels Effective pixels Effective pixels Effective pixels Effective pixels: 24.71 million Image sensor Image sensor: 23.5 x 15.6 mm CMOS sensor Total pixels: 24.71 million Dust-reduction system: Image Sensor Cleaning, Image Dust Off reference data (optional Capture NX 2 software required) Storage Image size (pixels): DX (24x16) image area: 6000 x 4000 [L], 4496 x 3000 [M], 2992 x 2000 [S] 1.3x (18x12) image area: 4800 x 3200 [L], 3600 x 2400 [M], 2400 x 1360 [S] Photographs with image area of DX (24x16) taken in movie live view: 6000 x 3268 [L], 4496 x 2528 [M], 2992 x 1680 [S] Photographs with image area of 1.3x (18x12) taken in movie live view: 4800 x 2696 [L], 3600 x 2024 [M], 2400 x 1344 [S] File format: 	
 AF-S (Silent Wave Motor): Yes Internal Focusing: Yes Minimum Focus Distance: 1.2 ft. (0.38 m) Focus Mode: Auto, Manual, Manual/Auto G-type: Yes Filter Size: 77 mm Accepts Filter Type: Screw-on VII. DSLR Camera 2 (Body only) Type Type amera: Single-lens reflex digital camera Lens mount: F mount (with AF coupling and AF contacts) Effective angle of view: DX format; focal length in 35mm [135] format equivalent to approx. 1.5x that of lenses with FX-format angle of view Effective pixels: 24.1 million Image sensor Image sensor Total pixels: 24.71 million Dust-reduction system: Image Sensor Cleaning, Image Dust Off reference data (optional Capture NX 2 software required) Storage Image size (pixels): DX (24x16) image area: 6000 x 4000 [L], 4496 x 3000 [M], 2992 x 2000 [S] 1.3x (18x12) image area: 4800 x 3200 [L], 3600 x 2400 [M], 2400 x 1360 [S] Photographs with image area of DX (24x16) taken in movie live view: 4800 x 2696 [L], 3600 x 2024 [M], 2400 x 1344 [S] File format: 	
 Internal Focusing: Yes Minimum Focus Distance: 1.2 ft. (0.38 m) Focus Mode: Auto, Manual, Manual/Auto G-type: Yes Filter Size: 77 mm Accepts Filter Type: Screw-on VII. DSLR Camera 2 (Body only) Type Type amera: Single-lens reflex digital camera Lens mount: F mount (with AF coupling and AF contacts) Effective angle of view: DX format; focal length in 35mm [135] format equivalent to approx. 1.5x that of lenses with FX-format angle of view Effective pixels: 24.1 million Image sensor Image sensor: 23.5 x 15.6 mm CMOS sensor Total pixels: 24.71 million Dust-reduction system: Image Sensor Cleaning, Image Dust Off reference data (optional Capture NX 2 software required) Storage Image size (pixels): DX (24x16) image area: 4800 x 3200 [L], 3600 x 2400 [M], 2992 x 2000 [S] 1.3x (18x12) image area: 4800 x 3200 [L], 3600 x 2400 [M], 2400 x 1600 [S] Photographs with image area of DX (24x16) taken in movie live view: 4800 x 2696 [L], 3600 x 2024 [M], 2400 x 1344 [S] 	
 Minimum Focus Distance: 1.2 ft. (0.38 m) Focus Mode: Auto, Manual, Manual/Auto G-type: Yes Filter Size: 77 mm Accepts Filter Type: Screw-on VII. DSLR Camera 2 (Body only) Type Type of camera: Single-lens reflex digital camera Lens mount: F mount (with AF coupling and AF contacts) Effective angle of view: DX format; focal length in 35mm [135] format equivalent to approx. 1.5x that of lenses with FX-format angle of view Effective pixels Effective pixels Effective pixels: 24.1 million Image sensor Total pixels: 24.71 million Dust-reduction system: Image Sensor Cleaning, Image Dust Off reference data (optional Capture NX 2 software required) Storage Image size (pixels): DX (24x16) image area: 6000 x 4000 [L], 4496 x 3000 [M], 2992 x 2000 [S] 1.3x (18x12) image area: 4800 x 3200 [L], 3600 x 2400 [M], 2400 x 1600 [S] Photographs with image area of DX (24x16) taken in movie live view: 6000 x 3368 [L], 4496 x 2528 [M], 2992 x 1680 [S] Photographs with image area of 1.3x (18x12) taken in movie live view: 4800 x 2696 [L], 3600 x 2024 [M], 2400 x 1344 [S] File format: 	
 Focus Mode: Auto, Manual, Manual/Auto G-type: Yes Filter Size: 77 mm Accepts Filter Type: Screw-on VII. DSLR Camera 2 (Body only) Type Type of camera: Single-lens reflex digital camera Lens mount: F mount (with AF coupling and AF contacts) Effective angle of view: DX format; focal length in 35mm [135] format equivalent to approx. 1.5x that of lenses with FX-format angle of view Effective pixels Effective pixels: 24.1 million Image sensor Image sensor: 23.5 x 15.6 mm CMOS sensor Total pixels: 24.71 million Dust-reduction system: Image Sensor Cleaning, Image Dust Off reference data (optional Capture NX 2 software required) Storage Image size (pixels): DX (24x16) image area: 6000 x 4000 [L], 4496 x 3000 [M], 2992 x 2000 [S] 1.3x (18x12) image area: 4800 x 3200 [L], 3600 x 2400 [M], 2400 x 1600 [S] Photographs with image area of DX (24x16) taken in movie live view: 6000 x 3368 [L], 4496 x 2528 [M], 2992 x 1680 [S] Photographs with image area of 1.3x (18x12) taken in movie live view: 4800 x 2696 [L], 3600 x 2024 [M], 2400 x 1344 [S] File format: 	
 > G-type: Yes > Filter Size: 77 mm > Accepts Filter Type: Screw-on VII. DSLR Camera 2 (Body only) Type Type of camera: Single-lens reflex digital camera > Lens mount: F mount (with AF coupling and AF contacts) > Effective angle of view: DX format; focal length in 35mm [135] format equivalent to approx. 1.5x that of lenses with FX-format angle of view Effective pixels > Effective pixels: 24.1 million Image sensor > Image sensor: 23.5 × 15.6 mm CMOS sensor > Total pixels: 24.71 million > Dust-reduction system: Image Sensor Cleaning, Image Dust Off reference data (optional Capture NX 2 software required) Storage > Image size (pixels): > DX (24x16) image area: 6000 × 4000 [L], 4496 × 3000 [M], 2992 × 2000 [S] 1.3x (18x12) image area: 4800 × 3200 [L], 3600 × 2400 [M], 2400 × 1600 [S] > Photographs with image area of DX (24x16) taken in movie live view: 6000 × 3368 [L], 4496 × 2528 [M], 2992 × 1680 [S] > Photographs with image area of 1.3x (18x12) taken in movie live view: 4800 × 2696 [L], 3600 × 2024 [M], 2400 × 1344 [S] > File format: 	
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live view: 4800 x 2696 [L], 3600 x 2024 [M], 2400 x 1344 [S] ➤ File format:	
File format:	
File format:	
 NEF (RAW): 12 or 14 bit, lossless compressed or compressed 	
- JPEG: JPEG-Baseline compliant with fine (approx. 1:4),	
normal (approx. 1:8) or basic (approx. 1:16) compression	
(Size priority); Optimal quality compression available	
 NEF (RAW)+JPEG: Single photograph recorded in both NEF 	
(RAW) and JPEG formats	
Picture Control System: Standard, Neutral, Vivid,	
Monochrome, Portrait, Landscape; selected Picture Control	
can be modified; storage for custom Picture Controls	
Media: SD (Secure Digital) and UHS-I compliant SDHC and	
SDXC memory cards	
Double slot: Slot 2 can be used for overflow or backup	
storage or for separate storage of copies created using	
NEF+JPEG; pictures can be copied between cards	
File system: DCF (Design Rule for Camera File System) 2.0,	
DPOF (Digital Print Order Format), Exif (Exchangeable Image	

		File Format for Digital Still Cameras) 2.3, PictBridge	
	•	View Finder View finder: Eye-level pentaprism single-lens reflex	
		viewfinder	
	≻	Frame coverage: Approx. 100% horizontal and 100% vertical	
	\succ		
		1.0 m ⁻¹)	
	Þ	Eyepoint: 19.5 mm (-1.0 m ⁻¹ ; from center surface of	
		viewfinder eyepiece lens) Diopter adjustment: -2 to +1 m ⁻¹	
		Focusing screen: Type B BriteView Clear Matte Mark II	
		screen with AF area brackets (framing grid can be displayed)	
	~	Reflex mirror: Quick return	
	×	Depth-of-field preview: Pressing depth-of-field preview	
		button stops lens aperture down to value selected by user	
		(A and M modes) or by camera (other modes)	
		Lens aperture: Instant return, electronically controlled	
	•	Lens Compatible lenses: Compatible with AF NIKKOR lenses,	
		including type G and D lenses (some restrictions apply to PC	
		lenses) and DX lenses, AI-P NIKKOR lenses, and non-CPU AI	
		lenses (A and M modes only); IX-NIKKOR lenses, lenses for	
		the F3AF, and non-AI lenses cannot be used	
		The electronic rangefinder can be used with lenses that have	
		a maximum aperture of f/5.6 or faster (the electronic	
		rangefinder supports the center focus point with lenses that have a maximum aperture of f/8 or faster)	
	•	Shutter:	
		Type: Electronically controlled vertical-travel focal-plane	
		shutter	
	≻	Speed: 1/8000 to 30 s in steps of 1/3 or 1/2 EV, bulb, time,	
		X250 Flash sync speed: X=1/250 s; synchronizes with shutter at	
		1/320 s or slower (flash range drops at speeds between	
		1/250 and 1/320 s)	
	•	Release	
	>	Release modes: S (single frame), CL (continuous low speed),	
		CH (continuous high speed), Q (quiet shutter release),	
		photography supported	
	⊳	Approximate frame advance rate:	
	-	JPEG and 12-bit NEF (RAW) images recorded with DX	
		(24x16) selected for image area: CL 1 to 6 fps, CH 6 fps	
	-	JPEG and 12-bit NEF (RAW) images recorded with 1.3x	
		(18x12) selected for image area: CL 1 to 6 fps, CH 7 fps	
		selected for image area: CL 1 to 5 fps, CH 5 fps	
	-	14-bit NEF (RAW) images recorded with 1.3x (18x12)	
		selected for image area: CL 1 to 6 fps, CH 6 fps	
	►	Self-timer: 2 s, 5 s, 10 s, 20 s; 1 to 9 exposures at intervals	
1		of 0.5, <u>1</u> , <u>2</u> or <u>3</u> s	

 Remote control modes (ML-L3): Delayed remote, quick-response remote, remote mirror-up Exposure Metering mode: TTL exposure metering using 2016-pixel R6B sensor Metering method: Matrix: 3D color matrix metering II (type G and D lenses); color matrix metering II (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data Center-weighted: Weight of 75% given to 8-mm circle in center of frame; diameter of circle can be changed to 6, 10, or 13 mm, or weighting can be based on average of entire frame (non-CPU lenses use 8-mm circle) Spot: Meters 3.5-mm circle (about 2.5% of frame) centered on selected focus point (on center focus point when non-CPU lens is used) Range (ISO 100, f/1.4 lens, 20°C/68°F): Matrix or center-weighted metering: 0 to 20 EV Spot: metering: 2 to 2 EV Spot metering: 2 to 2 EV Exposure meter coupling: Combined CPU and AI Exposure modes: Auto modes (Caludo; auto [flash of]); programmed auto with flexible program (P); shutter-priority auto (S); aperture-priority auto (A); manual (M); scene modes; (Z portrait; landscape; child; sports; close up; in night portrait; close up; in night portrait; close up; color sketch; close modes (Caludor; beech/snow; sunset; close up; close is steing 1; U2 user settings 2) Exposure compensation: Can be adjusted by -5 to +5 EV in increments of 1/3 or 1/2 EV in P , S , A and M modes Exposure bracketing: 2 to 5 frames in steps of 1/3, 1/2, 2/3, 1, 2 or 3 EV Exposure bracketing: 2 to 5 frames in steps of 1/3, 1/2, 2/3, 1, 2 or 3 EV Exposure bracketing: 2 to 5 frames in steps of 1/3, 1/2, 2/3, 1, 2 or 3 EV Exposure compensation: Can be adjusted by -5 to +5 EV in increments of 1/3 or 1/2 EV in P , S , A and M modes Exposure bracketing: 2 to 5 frames in steps of 1/3, 1/2, 2/3, 1, 2 or 3 EV Exposure lock: Luminosity locked at detected value with #A A=L/AF+L bu			
 Metering mode: TTL exposure metering using 2016-pixel RGB sensor Metering method: Matrix: 3D color matrix metering II (type G and D lenses); color matrix metering II (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data Center-weighted: Weight of 75% given to 8-mm circle in center of frame; diameter of circle can be changed to 6, 10, or 13 mm, or weighting can be based on average of entrie frame (non-CPU lenses use 8-mm circle) Spot: Meters 3.5-mm circle (about 2.5% of frame) centered on selected focus point (no center focus point when non-CPU lens is used) Range (ISO 100, f1.4 lens, 20°C/68°F): Matrix or center-weighted metering: 0 to 20 EV Spot: meters 2.5 and circle (about 2.5% of frame) centered on selected focus point when entering: 0 to 20 EV Spot: meters 2.5 and circle (about 2.5% of frame) centered on selected focus point (in center focus point when non-CPU lens is used) Range (ISO 100, f1.4 lens, 20°C/68°F): Matrix or center-weighted metering: 0 to 20 EV Spot metering: 2 to 20 EV Spot meter coupling: Combined CPU and AI Exposure modes: Auto modes (Bauto; G auto flash off); programmed auto with fitsible program (P); shutter-priority auto (S); aperture-priority auto (A); manual (M); scene modes (f) portrait; f) and scape; f) child; f) sports; c) close up; f) night portrait; f) beach/snow; f) sunset; f) dusk/dawn; f) pet portrait; f) candelight; f) blosson; f) autumn colors; l1food); special effects modes (G night vision; f) color sketch; with miniture effect; selective color; d) silhouette; f) high key; f) low key); U user settings 1); U user settings 2) Exposure compensation: Can be adjusted by -5 to +5 EV in increments of 1/3 or 1/2 EV in P, S, A and M modes Exposure bracketing: 2 to 5 frames in steps of 1/3, 1/2, 2/3, 1, 2 or 3			
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 Focus Autofocus: Advanced Multi-CAM 3500DX autofocus sensor 			
module with TTL phase detection, fine-tuning, 51 focus			
	[]	module with TTL phase detection, fine-tuning, 51 focus	

		points (including 15 cross-type sensors; the center point is	
		available at apertures slower than f/5.6 and faster than f/8	
1		or at f/8), and AF-assist illuminator (range approx. 0.5 to 3	
	_	m/1 ft 8 in. to 9 ft 10 in.)	
		Detection range: -2 to +19 EV (ISO 100, 20°C/68°F)	
	>	Lens servo: Autofocus (AF): Single-servo AF (AF-S);	
		continuous-servo AF (AF-C); auto AF-S/AF-C selection (AF-	
		A); predictive focus tracking activated automatically	
		according to subject status Manual focus (M): Electronic rangefinder can be used	
	0	Focus point: Can be selected from 51 or 11 focus points	
		AF-area modes: Single-point AF, 9-, 21- or 51-point	
		dynamic-area AF, 3D-tracking, auto-area AF	
	>	Focus lock: Focus can be locked by pressing shutter-release	
		button halfway (single-servo AF) or by pressing AFL AE-	
		L/AF-1 button	
	•	Flash	
	2	Built in flash: 🖀 , 🗶 , 📽 , 🕲 , 🖼 , 💥 , 🦋 , 💖 : Auto	
	-	flash with auto pop-up	
		P, S, A, M, II: Manual pop-up with button release	
	>	Guide number: Approx. 12/39, 12/39 with manual flash	
		(m/ft, ISO 100, 20°C/68°F)	
	≻	Flash control: TTL: i-TTL flash control using 2016-pixel RGB	
		sensor is available with built-in flash and SB-910, SB-900,	
		SB-800, SB-700, SB-600 or SB-400; i-TTL balanced fill-flash	
		for digital SLR is used with matrix and center-weighted	
		metering, standard i-TTL flash for digital SLR with spot	
		metering	
	\succ	Flash modes: Auto, auto with red-eye reduction, auto slow	
		sync, auto slow sync with red-eye reduction, fill-flash, red-	
		eye reduction, slow sync, slow sync with red-eye reduction,	
		rear-curtain with slow sync, rear-curtain sync, off; Auto FP	
	K	High-Speed Sync supported Flash compensation: -3 to +1 EV in increments of 1/3 or	
	×	1/2 EV	
	D	Flash bracketing: 2 to 5 frames in steps of $1/3$, $1/2$, $2/3$, 1 ,	
	,	2 or 3 EV	
	≻	Flash ready indicator: Lights when built-in flash or optional	
		flash unit is fully charged; flashes after flash is fired at full	
		output	
]	Þ	Accessory shoe: ISO 518 hot-shoe with sync and data	
		contacts and safety lock	
	≻	Sync terminal: AS-15 Sync Terminal Adapter (available	
		separately)	
	•		1
		White balance: Auto (2 types), incandescent, fluorescent (7	
		types), direct sunlight, flash, cloudy, shade, preset manual (up to 6 values can be stored, Spot White Balance	
1		measurement available during live view), choose color	
		temperature (2500 K to 10000 K), all with fine-tuning	
	4	White balance bracketing: 2 to 5 frames in steps of 1, 2 or	
		$\frac{3}{3}$	1
	•	Live View	
·			

 Modes: Live view photography (still images), movie live view (movies) Lens servo: Autofocus (AF): Single-servo AF (AF-S); full-time servo AF (AF-F) Manual focus (M) AF-Area modes: Face-priority AF, wide-area AF, normal-area AF, subject-tracking AF Autofocus: Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected) Movie Metering: TTL exposure metering using main image sensor Metering method: Matrix Frame size (pixels) and frame rate: 1920 × 1080; 60i (59.94 fields/s)/50i (50 fields/s)* 1920 × 1080; 30p (progressive), 25p, 24p 1280 × 720; 60p, 50p Actual frame rates for 60p, 50p, 30p, 25p and 24p are 59.94, 50, 29.97, 25 and 23.976 fps respectively; options support both ★high and normal image quality *Available only when 1.3x (18x12) is selected for image area; sensor output is about 60 or 50 fps File format: MOV Video compression: H.264/MPEG-4 Advanced Video Coding Audio recording device: Built-in or external stereo microphone; sensitivity adjustable Maximum length: 29 min. 59 s
 Lens servo: Autofocus (AF): Single-servo AF (AF-S); full- time servo AF (AF-F) Manual focus (M) AF-Area modes: Face-priority AF, wide-area AF, normal- area AF, subject-tracking AF Autofocus: Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected) Movie Metering: TTL exposure metering using main image sensor Metering method: Matrix Frame size (pixels) and frame rate: 1920 x 1080; 60i (59.94 fields/s)/50i (50 fields/s)* 1920 x 1080; 30p (progressive), 25p, 24p 1280 x 720; 60p, 50p Actual frame rates for 60p, 50p, 30p, 25p and 24p are 59.94, 50, 29.97, 25 and 23.976 fps respectively; options support both *high and normal image quality *Available only when 1.3x (18x12) is selected for image area; sensor output is about 60 or 50 fps File format: MOV Video compression: H.264/MPEG-4 Advanced Video Coding Audio recording device: Built-in or external stereo microphone; sensitivity adjustable Maximum length: 29 min. 59 s
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Monitor
Monitor: 8-cm/3.2-in., approx. 1229k-dot (VGA; 640 x 480 1 229 200 dots) TTT monitor with approx 1209
x 4 = 1,228,800 dots), TFT monitor with approx. 170° viewing angle, approx. 100% frame coverage and
brightness adjustment
Playback
Playback: Full-frame and thumbnail (4, 9, or 72 images or
calendar) playback with playback zoom, movie playback,
photo and/or movie slide shows, histogram display,
highlights, photo information, GPS data display and auto
image rotation Interface
USB: Hi-Speed USB
 HDMI output: HDMI mini connector (Type C)
Accessory terminal: Wireless remote controller: WR-1 and
WR-R10 (available separately), Remote cord: MC-DC2
(available separately), GPS unit: GP-1/GP-1A (available
separately)
Audio input: Stereo mini-pin jack (3.5-mm diameter; plug- in power supported)
 in power supported) Audio output: Stereo mini-pin jack (3.5-mm diameter)
 Supported languages: Arabic, Bengali, Chinese (Simplified)
and Traditional), Czech, Danish, Dutch, English, Finnish,
French, German, Greek, Hindi, Hungarian, Indonesian,
Italian, Japanese, Korean, Norwegian, Persian, Polish,
Portuguese (European and Brazilian), Romanian, Russian,

f	1	Consists Constitute Tensil That Toulish Hilmsinian	
		Spanish, Swedish, Tamil, Thai, Turkish, Ukrainian,	
		Vietnamese	
	•	Power Source	
		Battery: One EN-EL15 Rechargeable Li-ion Battery	
	>	Battery Pack: Optional MB-D15 Multi-Power Battery Pack	
		with one EN-EL15 Rechargeable Li-ion Battery or six AA-	
		size alkaline, Ni-MH or lithium batteries	
		AC adapter: EH-5b AC Adapter; requires EP-5B Power	
		Connector (available separately)	
		Tripod socket	
		Tripod socket: 1/4 in. (ISO 1222)	
		Dimensions / Weight	
		Dimensions (HxWxD): Approx. 135.5 x 106.5 x 76 mm/5.3	
[x 4.2 x 3.0 in.	
		Weight: Approx. 765 g/1 lb 11.0 oz with battery and	
	-	memory card but without body cap; approx. 675 g/1 lb 7.8	
		oz (camera body only)	
	•	Operating Environment	
	>	Operating environment: Temperature: 0 to 40°C/32 to	
		104°F; humidity: 85% or less (no condensation)	
	•	Accessories	
	≻	Supplied accessories (may differ by country or area): EN-	
		EL15 Rechargeable Li-ion Battery, MH-25 Battery Charger,	
		DK-5 Eyepiece Cap, DK-23 Rubber Eyecup, UC-E6 USB	
		Cable, AN-DC1 BK Camera Strap, BF-1B Body Cap, BS-1	
		Accessory Shoe Cover, ViewNX 2 CD-ROM	
VIII.	Lapto	op Computer	
	•	Specifications	
	×	Intel Core i5-7200UProcessor, 2.5GHz (3M Cache, up to 3.1	
	[GHz)	
	>	Windows 10 (64bit)	
		16:9//Anti-Glare//NTSC:72%//WV	
	×		
		4G	
	1	SATA3 256G M.2 SSD	
	i	HDMI 1.4	
	×		
1	×		
		Intel HD graphics 620	
		GDDR3 2GB	
		HD Web Camera	
		802.11ac+Bluetooth 4.1 (Dual band) 2*2	
		Sepc: SD, MMC	
		1 x USB 2.0	
		1 × USB 3.0	
ŀ		1 x USB 3.1 Type C (gen 1)	
		1 x Headphone-out & Audio-in Combo Jack	
		1 x micro HDMI	
		1 x smart card reader	
		Built-in speaker	
	Â		

	N	1.00 KC (without bottom)
		1.00 KG (without battery)
		1.30 KG (with 3 cell battery)
		32.4(W) × 22.5(D) × 1.59 ~ 1.59 (H) cm
		65W AC adapter
		Output: 19V DC, 3.42A, 65W
		Input: 100~240V AC, 50/60 Hz universal
	\triangleright	50WHrs, 3S1P, 3-cell Li-on
	Þ	Illuminated Chiclet keyboard
	≻	ASUS Screen saver
	\succ	ASUS Smart Gesture
	\triangleright	ASUS Splendid
		TPM (Firmware TPM)
		HDD User password protection and security
		BIOS Booting User Password Protection
	\triangleright	Sleeve
	≻	Laptop Bag
IX.	Wirel	ess Mouse
	×	Sensor: Laser sensor(1600 CPI max)
	Þ	Buttons: Two primary buttons and Clickable scroll wheel
	≻	USB: Wireless receiver at 2.4 GHz
	\triangleright	With battery
Х.	Warra	
		One (1) year on parts and Three (3) years on service
		* Inclusive of Delivery and Installation

I hereby certify to comply with all the above Technical Specifications.

Name of Company/Bidder

-

Signature over Printed Name of Representative

Date

SCHEDULE OF REQUIREMENTS

Item	SCHEDULE OF REQUIREMENTS	Quantity	Contract Duration
	The Bidder/Supplier shall provide the following needed for the project:		
1	Memory Card	1 piece	Within thirty (30) calendar days upon receipt of the Notice to Proceed.
2	Mobile Phone tripod	1 unit	
3	DSLR Camera tripod	1 unit	
4	Mobile camera stabilizer	1 unit	
5	DSLR Camera 1 (Body only)	1 unit	
6	DSLR Camera Lens	1 unit	
7	DSLR Camera 2 (Body only)	1 unit	
8	Laptop computer	1 unit	
9	Wireless Mouse	1 unit	
10	Warranty		One (1) year on parts and Three (3) years on service

I hereby certify to comply and deliver all the above requirements.

Name of Company/Bidder

Signature over Printed Name of Representative

Date

REPUBLIC OF THE PHILIPPINES) CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, *[Name of Affiant]*, of legal age, *[Civil Status]*, *[Nationality]*, and residing at *[Address of Affiant]*, after having been duly sworn in accordance with law, do hereby depose and state that:

1. Select one, delete the other:

If a sole proprietorship: I am the sole proprietor of *[Name of Bidder]* with office address at *[address of Bidder]*;

If a partnership, corporation, cooperative, or joint venture: I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. Select one, delete the other:

If a sole proprietorship: As the owner and sole proprietor of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for *[Name of the Project]* of the *[Name of the Procuring Entity]*;

If a partnership, corporation, cooperative, or joint venture: I am granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the [Name of Bidder] in the bidding as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate issued by the corporation or the members of the joint venture)];

- 3. *[Name of Bidder]* is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 6. Select one, delete the rest:

If a sole proprietorship: I am not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a partnership or cooperative: None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a corporation or joint venture: None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. *[Name of Bidder]* is aware of and has undertaken the following responsibilities as a Bidder:
 - a) Carefully examine all of the Bidding Documents;
 - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
- 9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
- IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of ____, 20__ at ____, Philippines.

Bidder's Representative/Authorized Signatory

SUBSCRIBED AND SWORN to before me this _____ day of *[month] [year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No.02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government*]

identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her _____ No. _____ issued on _____ at ____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission ______ Notary Public for _____ until _____ Roll of Attorneys No. _____ PTR No. __, [date issued], [place issued] IBP No. __, [date issued], [place issued]

Doc. No. ____ Page No. ____ Book No. ____ Series of ____