



## 1. Teleprompter

<b>Size:</b>	20"
<b>Brightness:</b>	1500 nits
<b>Resolution:</b>	1280 x 1024
<b>Dimensions:</b>	414 x 342 x 90 mm
<b>Connectivity:</b>	HD/HD-SDI/ CVBS, HDMI, VGA
<b>Monitor Weight:</b>	<4.5kg
<b>Power Input:</b>	ICE TypeC14, 100 – 240 VAC, 50 – 60 Hz, 4-pin XLR, 12VDC +-5%
<b>Power Consumption:</b>	50 W Max
<b>Power Output:</b>	ICE Type F, 100 – 240 VAC, 50 – 60 Hz, 2A Max

## 2. Camera

### Image Sensor

<b>Sensor:</b>	Super 35 mm type CMOS
<b>System:</b>	RGB primary color filter (Bayer array)
<b>Total Pixels per sensor:</b>	9.84 megapixels
<b>Effective pixels per sensor:</b>	8.29 megapixels (3840 x 2160)
<b>Minimum illumination:</b>	59-94 Hz Mode 0.3 Lux "F1.2 lens, 24 dB· PF29-27 mode, shutter speed 1/30" 50Hz Mode 0.25 lux "F1.2 lens, 24 dB· PF25, shutter speed 1/25"
<b>Sensitivity:</b>	59-94 Hz Mode F9 "1920x1080/20-001, ISO640 (0dB), 2000 Lux, 89.9%, reflection"
<b>S/N Ratio:</b>	59-94Hz Mode 54 dB (Typical) "1920x1080/PF29-97, Canon Log base sensitivity ISO 850 (Dynamic range 800%)" 50Hz Mode: 54dB (Typical) "1920x1080/PF25, Canon Log base sensitivity ISO 850 (Dynamic range 800%)"
<b>Dynamic Range:</b>	During normal shooting: 300%, With Canon Log Gamma: 800%· With Wide Dynamic Range setting (Wide DR):800% (ISO 850 or above/gain 2.5 dB or more)
<b>Horizontal Resolution</b>	Dependent on lens used
<b>Lens Mount</b>	Canon EF Mount, including EF-S and EF Cinema lens
<b>Focal length</b>	Equivalent to 1.53x the focal length of EF lenses; Cinema Zoom lenses as per lens focal length
<b>Peripheral illumination correction</b>	YES (dependent on lens used)
<b>ND filter</b>	4 glass filters in camera body: Clear; 2 stops; 4 stops; 6 stops· Operate via dial on body
<b>Focus control</b>	(A)Manual via lens focus ring; (8) ONE-SHOT AF AND (C) Continuous AF also available· AF System: Dual Pixel CMOS AF2 TTL-video signal detection system (contrast detection) when face AF selected' FACE DETECTION AF: Face Priority or Face Only AF option

<b>Iris control</b>	Via body, grip, remote control or Push Auto Iris control. Continuous Auto Iris Control available with selected EF-S STM lenses' 1/2-stop, 1/3-stop or FINE control. Possible to maintain constant F-number during zoom
<b>Image stabilization system</b>	Image stabilization system
<b>Image Processor</b>	Type - DIGIC DV 4
<b>RECORDING</b>	
<b>Video storage media</b>	SD/SDHC/SDXC card (2 card slots)
<b>Recording time</b>	64GB SD card: up to 5 hours,5 minutes. (1920 x 1080 @28Mbps VBR)
<b>Recording file format</b>	AVCHD/MP4. Dual format recording available
<b>Recording format</b>	AVCHD: MPEG-4 AVC/H-264 28/ 24 /17 Mbps 1920 X 1080; 7 Mbps (1440 x 1080). ALL VBR/4:2:0 SAMPLING MP4: AVC/H-264 5/24/17 Mbps 1920 X 1080. 4Mbps 1280 X 720,3Mbps 640 X 360. ALL VBR/4:2:0 SAMPLING
<b>Recording frame rate</b>	AVCHD: 59.94 Hz(NTSC) MODE. 28Mbps: 59.94P. 24/17 /?Mbps: 59.94i/PF29.97 /23.98P, 50.00 Hz mode (PAL) MODE. 28Mbps:50.00P. 24/17 /7Mbps:50.00i/PF25 MP4: 59.94 Hz(NTSC) MODE. 35Mbps:59.94P. 29.97P /23.98P: 24/17 /7 /4/3 Mbps 50.00 Hz mode (PAL) MODE. 35Mbps: 50.00P. 24/17 /7 /4/3 Mbps:25.00P
<b>Slow /Fast motion</b>	YES (MP4 HD Mode only. 2.5x fast motion, 0.5x slow motion)
<b>Interval Record</b>	NO
<b>Continuous Recording Mode</b>	YES. (Requires compatible Non Linear Editing software to exploit this feature)
<b>Pre Record (cache record)</b>	YES (3 seconds)
<b>Relay Recording</b>	YES
<b>Double Slot (simultaneous) Recording</b>	YES. AVCHD + AVCHD/AVCHD + MP4/MP4 + MP4
<b>HD-&gt;SD conversion</b>	YES. Vertical or horizontal image inversion, or both.
<b>Internal Data Transfer</b>	MOVIE: Yes (SD card to SD card)
<b>Photo storage media</b>	SD /SDHC/SDXC CARDS. Class 10 cards recommended for full function compatibility
<b>Still quality</b>	During video recording: 1920 x 1080/1280 x 720/640 x 360. Dependent on Video Recording Mode selected. Play back mode: 1920 x 1080

## SYSTEM

### LCD

<b>Size</b>	Organic LED(OLED)S.8 cm 100% view
<b>Dots</b>	1.23 million (approx.)
<b>Image quality adjustments</b>	Brightness, Contrast, Colour, Sharpness, Luminance, Colour Balance

<b>Adjustable</b>	Up/down/left/right according to camera configuration
<b>Waveform Monitor</b>	YES
<b>Focus Assist</b>	Peaking Magnifying (25 points selectable, Manual Focus mode)Edge Monitor (using waveform display)
<b>Peaking</b>	Peaking 1, Peaking 2 (Colour, Gain, Frequency customisable for each)
<b>Zebra</b>	Level 1; Level2; Both Output via HD-SDI or HDMI SELECTABLE
<b>Markers</b>	On/Off (Aspect ratio, Aspect marker, Safety Zone Area, Safety Zone, Grid, Horizontal, Centre)
<b>EVF</b>	
<b>Size</b>	1.15CM
<b>Dots</b>	1.23 million (approx.) 99.8% field of view
<b>Image quality adjustments</b>	Brightness, Contrast, Colour, Sharpness, Backlight,
<b>Adjustable</b>	YES
<b>Correction lens</b>	+ 2.0 to -5.5 diopters
<b>Inputs/Outputs</b>	
<b>Audio in</b>	XLR inputs with 48V phantom power (x2) on handle, 3.5mm microphone input jack on camera body
<b>Headphone output</b>	3.5mm stereo jack
<b>Video monitor output</b>	NO
<b>HDMI</b>	YES (Type A, output only)
<b>IEEE 1394 (Firewire)</b>	NO
<b>USB</b>	YES (Mini-B, USB 2.0 Hi-Speed, Output Only)
<b>HD/SD-SDI output</b>	NO
<b>Time code</b>	YES (Superimposed on HDMI Output signal, Selectable)
<b>Genlock</b>	NO
<b>Synch</b>	NO
<b>Component out</b>	NO
<b>AV terminal</b>	YES (output only)
<b>DC input</b>	YES
<b>Remote Control Terminal</b>	2.5mm mini jack. Compatible with RC-VI00
<b>Wireless Control Terminal</b>	NO
<b>Colour Bars</b>	EBU/SMPTE, (50.00Hz mode) SMPTE/ARIB (59.94Hz mode)
<b>Misc</b>	
<b>Tally lamp</b>	YES
<b>Accessory shoe</b>	YES (cold shoe, 2 locations: top of body, front of handle)
<b>Custom key</b>	YES. 17 assignable buttons; select from approx. 52 functions. Side grip joystick functions assignable to alternative buttons.

## SHOOTING FUNCTIONS

<b>Exposure</b>	
<b>Exposure Setting and metering</b>	Manual: Exposure determined by shutter setting, iris setting, ISO/gain setting and ND filter setting; Push Auto Iris/Continuous AI metering options: (i) Standard (Centre-weighted metering) (ii) Spotlight (iii) Backlight (compensation)
<b>Exposure compensation</b>	YES· AE Shift function· +/-2, +/-1.75, +/-1.5, +/-1.25, +/-1.0, +/-0.75, +/-0.5, +/-0.25, +/-0
<b>Auto Exposure mode*</b>	YES· Continuous Auto Iris (Canon lenses with 'stepping motor' (STM))
<b>Push Auto Iris</b>	YES (EF and EF-S lenses· Not available with EF Cinema Lenses)
<b>Exposure Lock</b>	NO
<b>Auto Gain Control setting</b>	NO
<b>ISO Sensitivity</b>	1-stop display: 320,400,800, “850”, 1600, 3200, 6400, 12800, 20000· Extended Range ON: 320,400,800, “850”, 1600, 3200, 6400, 12800, 25600, 51200, 80000, 102400 1/3rd stop display: 320,400, 500,640,800, “850”, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800, 16000, 20000; Extended Range ON 25600, 32000, 40000, 51200, 64000, 80000, 102,400
<b>Gain setting</b>	NORMAL: -6dB, -3dB, 0dB, 3dB, 6dB, 9dB, 12dB, 15dB, 18dB, 21dB, 24dB, 27dB, 30dB; Extended Range on: 33dB, 36dB, 39dB, 42dB, 44dB FINE: -6 dB to 24 dB (0.5 dB increments)·
<b>Shutter speed</b>	
<b>Control Modes</b>	Off; Speed; Angle; Clear Scan (CS); Slow Shutter (SLS)
<b>Shutter speed</b>	1/3 to 1/2000 depending on frame rate and Shutter Control Mode
<b>Shutter Angle</b>	11.2ss to 360s depending on frame rate
<b>Slow Shutter (SLS)</b>	1/3, 1/4, 1/6, 1/8, 1/12, 1/15, 1/25, 1/30 depending on frame rate and camera frequency mode
<b>Clear Scan</b>	59.94Hz Mode: 59.94i: 59.94 -250-SiHz/PF 29.97: 29.97Hz - 250-51Hz/23.98P: 23.98Hz - 250-SiHz 50.00Hz Mode: 50.00i: 50Hz-250-SiHz/ PF25.00: 25Hz - 250-SiHz
<b>Custom Picture</b>	
<b>Stored Configurations</b>	9, including 3 presets (CINEMA, Wide Dynamic Range (Wide DR) and EOS Std)
<b>Storage Medium</b>	SD/SDHC memory card (all customisation data and metadata), up to 20 custom pictures per card
<b>Gamma</b>	9 profiles

<b>Canon Log Gamma</b>	YES
<b>Master Pedestal</b>	-50 to +50
<b>Master Black</b>	-50 to +50 for each of R,G,B
<b>Black Gamma</b>	Adjustable Level, Range and Point
<b>Low Key Saturation</b>	-50 to +50 adjusts colour saturation in low brightness area
<b>Knee</b>	Adjusts over exposure characteristic, start, slope, saturation
<b>Sharpness</b>	Adjustment for Level, H Detail Freq, Coring, HV Detail Balance, Limit, Select, Knee Aperture and Level Dependent Sharpness
<b>Noise reduction</b>	Off, On (1 to 12)
<b>Skin detail</b>	Off, Low, Middle, High / Hue, Chroma, Brightness, Area, Y Level
<b>Selective Noise Reduction</b>	Off, Low, Middle, High/ Hue, Chroma, Brightness, Area, Y Level
<b>Colour matrix</b>	Phase, Gain and RGB adjustment, in tandem with Gamma selection
<b>White balance</b>	- 50 to +50 Gain, B Gain
<b>Colour correction</b>	Area selection / area revision of two areas
<b>Setup level</b>	-50 to +50 On/Off
<b>Clip 100% IRE</b>	Limits output to 100% after setup adjustment
<b>Wi-Fi and GPS Specification</b>	
<b>Wi-Fi</b>	IEEE 802.11 b/g/n (2.4GHz)/IEEE 802.11 a/n (5GHz. Not available in all territories)Authentication: Open, WPA-PSK/WPA2-PSK. Encryption System: WEP-64, WEP-128, TKIP, AES Max. Transmission Speed: 150Mbps (2.4/5GHz, IEEE802.11n)

#### **White Balance**

<b>Auto</b>	YES
<b>Preset</b>	Daylight (5400K), Tungsten (3200K), Kelvin (2000K-15000K, 100K intervals), Set A, Set B
<b>White Balance Shift</b>	YES. -9 to +9 (Daylight and Tungsten only)
<b>Black balance</b>	
<b>Black balance adjustment</b>	YES
<b>Time code</b>	
<b>Countup system</b>	Regen, RecRun, FreeRun, Hold (Drop frame available for some frame rates), NDF only in 24P
<b>Start value setting</b>	"00:00:00:00", Set/Reset selectable
<b>Audio</b>	
<b>Recording</b>	AVCHD: Linear PCM (16-bit 2ch (48 kHz) when 28 or 24 Mbps LPCM selected, Dolby Digital when 28/24/17 /7 Mbps selected. 2 CHANNEL, MP4: MPEG-4 AAC-LC (16 bit/48 KHz) Bit rate: 35 - 17 Mbps 256kbps, less than 4Mbps: 128kbps

<b>Control</b>	Independent limiters and auto/manual settings
<b>Microphone attenuation</b>	YES, for built in microphone (in handle unit) and 3.5mm MIC jack
<b>Microphone level meter</b>	YES
<b>Supplied</b>	Data Import Utility Software, Handle Unit with microphone, Thumbrest, Grip, Tripod base adaptor plate, Shoulder strap SS-1200, EVF cap, Battery Charger CG-940, Battery pack BP-955, Compact Power Adapter CA941(outside USA)-Tripod Base TB-1, Eyecup
<b>Batteries:</b>	BP-955, BP-950G/970G/975, Compact Power Adapter CA-935 (Charge function only), Tripod Adapter TA-100, Shooting Brace SBR-1000, GPS Receiver GP-E2, Remote Controller RC-V100
<b>Battery</b>	
<b>Power Consumption</b>	Max approx. 10W
<b>Continuous Recording Time</b>	Supplied BP-955: Up to 275 minutes
<b>Dimensions</b>	147 x 174 x 169mm: Body and thumb rest 188 x 189 x 219mm: Body, side grip and eyecup 188 x 280 x 334mm: Body, grip, top handle, eye cup
<b>Detachable handle</b>	YES
<b>Weight (camera only)</b>	1125g
<b>Weight (fully equipped)</b>	1950g

### 3. Camera Lens

<b>Focal Length &amp; Maximum Aperture</b>	24-105mm f/4
<b>Lens Construction</b>	17 elements in 12 groups
<b>Diagonal Angle of View</b>	84° - 23° 20'
<b>Focus Adjustment</b>	AF with full-time manual
<b>Closest Focusing Distance</b>	1.5 ft./ 0.4 5m
<b>Filter Size</b>	3.0 in./ 77mm diameter
<b>Max. Diameter x Length, Weight</b>	cp3.3 x 4.7 in., approx. 28.04 oz./ cp83-S x 118mm, approx. 795g. (EF 24-105mm f/4L IS II USM)