	ME20F-SH
Camera	
Image Sensor	
Sensor	35mm Full Size CMOS Sensor
Filter	RGB Primary Colour Filter (Bayer array)
Effective pixels per sensor	Approx. 2.25MP (2000 x 1128)
Minimum illumination	0.0005 lux or less(Gain 75dB, f/1.2, 29.97P, 50IRE)
Horizontal Resolution	Depends on the lens used.
Lens	
Lens Mount	Canon EF mount with Cinema Lock
ND filter	Yes, 2 density (1/8, 3 stops or 1/64 , 6 stops) Manually selected electronic control
Focus control	Manual Focus using lens or via RC-V100 Remote Control; One Shot AF via assignable button
Iris control	Manual; 1/2 stop increments. Push Auto Iris via assignable button. Auto (combined function combining Iris, Gain, Shutter and ND filter operation)
Aperture range	Depending on selected lens
Filter diameter	Depending on selected lens
Image stabilization system	Depending on selected lens
Digital Tele Converter	Yes : X2/ X4 tele converter
Image Processor	
Type	DIGIC DV 4
Sampling accuracy	YbCbCr 422 via 3G/HD-SDI; RGB 444, YCbCr 444, YCbCr 422 via HDMI
Bit depth	10 bit (8 bit effective)
Recording	
Video storage media	External Recording Device
Recording file format	Depending on External Device

Recording frame rate	3G/HD-SDI Output: 1920x1080: 59.94P/59.94i/50P/50i/29.97P/25P/23.98P
	                        1280x720: 59.94P/50P/29.97P/25P/23.98P
	HDMI Output: 1920x 1080: 59.94P/59.94i/50P/50i/29.97PsF/25PsF
	                        1280x720: 59.94P/50P
	                        640x480: 59.94P
	                        768x576: 50P

Custom Picture Options	Canon Log, Wide DR, EOS Standard, Normal 1 - Normal 4 . User customisable settings: Black, Black Gamma, Knee, Sharpness, Noise Reduction, White Balance
System	
Inputs/Outputs	
Audio in	3.5mm stereo mini jack, plug-in power mic supported
Headphone output	3.5mm Stereo mini jack
Video monitor output	Yes, 3G/HD-SDI (BNC) OSD output compatible, HDMI.
HDMI	Yes. Output only,
3G/HD-SDI output	Yes, X2; Output 1 OSD compatible, Output 2 Clean output only.
Genlock	Yes, input only, BNC
DC input	Yes x2, 4-Pin XLR, 2-Pin connection. Input 11 - 17V
Lens Terminal	Yes, 12-pin connector
Remote Control Terminal	Yes, x2: Remote A: 2.5mm mini jack/Remote B: Circular 8-pin . Both utilise Canon Unique Protocol.
Memory Card connector	Yes, microSD card (for firmware update only, no recording capability)
Colour Bars	Yes, SMPTE, EBU and ARIB depending on system frequency

Misc	
User Assigned Functions	Yes, 4 buttons. Assignable items:One-Shot AF / Push Auto Iris / ABB /AE Shift + / AE Shift - / Bar / Set WB /Tele-converter / Infrared / External Rec / Custom Picture / Camera Mode A/M. These items work with the RC-V100 remote controller.

Shooting functions	
Exposure	
Exposure metering	Backlight, Standard, Spotlight
Exposure compensation	Yes: ±2.0, ±1.75, ±1.50, ±1.25, ±1.0,±0.75, ±0.50, ±0.25 or ±0
Auto Gain Control setting	Yes , OFF (75dB) or value from 36dB to 75 dB (in 3 dB increments)
ISO Sensitivity	Maximum in excess of ISO 4,000,000 equivalent at -75dB
Dynamic Range	Canon Log/Wide DR mode: 800%/12 stops at +9.0dB (Approx. ISO2300)
Gain setting	0dB to -75dB in 3dB intervals.
Shutter speed	
Control Modes	Manual 1/4 stop increments, Auto (combined function combining Iris, Gain, Shutter and ND filter operation)
Shutter speed	1/3 sec - 1/200 sec depending on recording mode and system frequency
Scan Reverse	Yes
Infrared	
Infrared shooting mode	Yes: IR Cut-out filter, electrically operated.
White balance	
Auto	YES
Preset	Daylight/Tungsten
Shockless WB	Yes, via Custom Function Menu
Manual setting	Set A, Set B (Default 5,500K)Kelvin (2000K - 15000K)
Audio	
Recording	Linear PCM 48 kHz 16-bit digital conversion, 2 channels

Accessories	
Optional	RC-V100 remote Control Unit
Power Input	
Operating Voltage	DC: 11 - 17V via 4-pin XLR or 2pin connector

Miscellaneous	
Dimensions	102mm x 116mm x 113mm (W xH x D) 4.0 x 4.6 x 4.4 inches
Weight (camera only)	Approx. 1.1 kg (2.4 lbs)
Operating Temperature range	Approx. 0 to 40°C, 85% (relative humidity), Approx. -5 to 45°C, 60% (relative humidity)
Disclaimers	
All specifications are subject to change without notice	