



Video System	
Recording Medium	Removable memory card SDXC/SDHC/SD memory cards (2 slots) Relay recording possible
Max Recording Time	Variable total, depending on memory card size ⁵ 64GB SDXC card: 24hrs 30mins ^{1,7} (not supplied)
CCD	
Type	1/3 type HD CMOS Pro
Total pixels	2.37 megapixel
Effective Pixels: Movie	2.07 megapixels
Effective Pixels: Still	2.07 megapixels (16:9)
Filter	Bayer pattern filter
Lens	
Advanced Zoom	NO
Optical Zoom	10x
Digital Zoom	40x/200x
Digital Tele-converter	NO
Focal length	6.1 - 61.0mm
35mm Equivalent Focal Length	43.6 - 436 mm
Maximum aperture	f1.8 to f3.0
Minimum focusing distance	10mm
Image Stabilizer	Optical Image Stabilizer: 3 modes: Dynamic, Standard, Powered
Filter diameter	43mm
Wide Attachment	YES (optional WD-H43)
Image Processor	
Image Processor	DIGIC DV III
Face Detection Technology	YES
LCD	
Screen size	7.5cm (3.0") Touchscreen LCD, 100% view
Pixels	230,000 dots
Touchscreen LCD	YES
Manual adjustment	Brightness, backlight
Temporary underscan	NO
Viewfinder	
Screen size	NO
Pixels	NO
Minimum Illumination	
Minimum Lux.	1.3 lux
Night Mode	YES (0.1 lux)
Auto Gain Control limit adjustment	YES
Focus	
Auto/Manual	YES / YES
Control	AUTO: Face Detection AF/Instant AF/TV AF MANUAL: Touchscreen LCD, Touch Focus
Manual Focus Assist	YES (Magnification)
Cinema Features	
Cinema Features	Cinema-Look Filters Story Creator Touch Decoration
AE Mode	
Smart AUTO	YES (38 scenes)
Program AE	AUTO; M mode: P, Tv, Av, SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av
Zebra	NO

Backlight Compensation	
Backlight Compensation	YES (automatic or user control)
White Balance	
Type	TTL
Auto	YES
Set/Presets	YES: Set, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H
Shutter Speed	
Maximum	1/2000th sec.
Slow	1/2 sec.
Digital Effect	
Fade	Auto Fade, Wipe
Effect	NO
Image Quality Adjustment	
Image Effects	NO
Custom Functions	Brightness, Contrast, Sharpness, Colour Depth
Custom Key	
Custom Key	YES (plus Control Dial)
Still Image	
Capture image size	1920 x 1080 (not Cinema mode)
Continuous shooting mode	YES (during playback only)
Auto Exposure Bracketing	NO
Simultaneous Photo Recording	YES
Selecting AF Frame Function	NO
Histogram	NO
Photo Button	Touchscreen LCD
Photo Burst	NO
Self Timer	
Self timer	10 sec 2 sec with wireless remote
REC. Review/REC. Search	
REC. review/REC. search	YES/NO
Recording Mode	
LP mode	5 recording quality modes. ⁶ MXP: 1920x1080, 24Mbps; ⁵ FXP: 1920x1080, 17Mbps; ⁵ XP+: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps
Progressive shooting mode	YES (25p)
CINE image mode	YES
x.v.Color	YES
Video Snapshot	YES
Dual Shot	YES
Pre REC	YES
Colour Bars and Test Tone	NO
Search	
Still image	NO
Date	YES (date select, calendar, timeline, 3D Flip)
Memory Card	
Multi Media Card	NO
Secure Digital Card	SD / SDHC / SDXC
Movie Recording	YES
Internal Data Transfer	MOVIE: Yes (card A to card B) STILLS: Yes (card A to card B)
Audio	
System	Dolby Digital 2ch (AC-3 2ch); 5.1ch surround sound (via Optional SM-V1 microphone)
Zoom Microphone	YES (customisable frequency response and directionality)
Manual Rec. level control	YES

Terminal	
Headphone	YES
Microphone	NO
USB	YES (Mini-B, USB 2.0 Hi-Speed, out only)
DV	NO
Direct Print	NO
Analogue-in	NO
AV	YES (out only)
S-video	NO
Component	YES (out only)
HDMI	YES (HDMI™ Mini Connector: v1.3, out only, CEC supported)
LANC	NO
Built-in charger	YES
Quick Start	YES (using LCD screen)
Accessory Shoe	
Accessory shoe	YES (mini Advanced Accessory Shoe)
Built-in Video Light	
Built-in Video light	NO
Built-in Flash	
Built-in Flash	NO
PC Connection Kit	
Digital Video Solution Disk	YES
DV Network Solution Disk	NO
Application software	YES (PIXELA ImageMixer™ Video Browser v1 and Transfer Utility v1)
USB cable	YES
Web	
Easy Web Upload	YES
HD->SD conversion	YES
Wireless Controller	
Wireless controller	YES
Battery Pack	
Type	Lithium Ion
Intelligent Battery System	YES
Battery included in the kit	BP-808
Quick Charge	NO
Long life Battery	BP-827
Dimensions	
W x H x D	74 x 71 x 131 mm
Weight	350g

Specifications are subject to change without notice.

¹ LP recording mode

⁵ Class 4 or higher SDHC card required for 1920x1080 recording; Class 2 or higher SDHC card recommended for other recording modes; Memory card not supplied

⁶ Variable bit rate used in all recording modes

⁷ Recording for more than 12 hours continuously is not possible