	LEGRIA HF G30
Recording Formats	Video System AVCHD/MP4
-	Simultaneous recording possible
Recording Medium	SDXC/SDHC/SD memory cards (2 slots); Double slot recording possible
	Relay recording possible
Max Recording Time*	Variable total, depending on memory card size <sup>5</sup>
	64GB SDXC card: 24hrs 30mins <sup>1,7</sup> (not supplied) Sensor
Туре	1/2.84 type advanced HD CMOS PRO
Total pixels Effective Pixels: Movie	3.09 megapixel 2.91 megapixels
Effective Pixels: Still	2.07 megapixels (16:9)
Filter	Bayer pattern filter Lens
Advanced Zoom	NO
Optical Zoom	20x
Digital Zoom Focal length	400x 3.67 - 73.4mm
35mm Equivalent Focal Length	26.8 - 576mm (35mm equivalent without Dynamic IS/28.8-576mm with Dynamic IS)
Maximum aperture Minimum focusing distance	f1.8 to f2.8 (8 Blade Circular Aperture) 10mm
Image Stabilizer	Optical Image Stabiliser
Filter diameter	Intelligent IS with advanced dynamic mode 58mm
Wide Attachment	YES (optional WA-H58)
Image Processor	Image Processor DIGIC DV 4
Face Detection Technology	YES
	Screen
Screen size Pixels	8.8cm (3.5") Organic LED touch screen, 100% view 1.23 million dots
Touchscreen	YES - Capacitive type Organic LED panel
Manual adjustment	Brightness Wi-Fi Function
Wi-Fi Function	YES: Wi-Fi remote and sharing functions (supports 5Ghz <sup>8</sup> AND 2.4Ghz)
	GPS Support
GPS Support	Yes: with optional GP-E2 reciever Baby Mode
Baby Mode	NO
Direct storage to external HDD	External HDD storage NO
	Viewfinder
Screen size Pixels	0.61cm (0.24"), 100% view 1.56 million dots
	Minimum illumination
Minimum Lux. Night Mode	1 lux
	1 lux Low Light (0.1 lux) YES
Night Mode Auto Gain Control limit adjustment	1 lux Low Light (0.1 lux) YES Focus
Night Mode	1 lux Low Light (0.1 lux) YES YES YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF
Night Mode Auto Gain Control limit adjustment Auto/Manual Control	1 lux Low Light (0.1 lux) YES YES YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features
Night Mode Auto Gain Control limit adjustment Auto/Manual Control	1 lux Low Light (0.1 lux) YES YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes)
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO;
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AUTO; Mede YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks);
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight,
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AUTO; Mede YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks);
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra	1 lux Low Light (0.1 lux) YES Focus YES / VES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) White balance FAWB
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) White balance
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) White balance FAWB YES YES to 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Colour Temperature Shutter speed
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) White balance FAWB YES YES: Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec.
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters Zereative Features Cinema-Look Filters YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) White balance FAWB YES YES: Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Image Quality Adjustment
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects	1 lux Low Light (0.1 lux) YES Focus YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) White balance FAWB YES YES: Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Image Quality Adjustment NO
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects Custom Functions	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, TV, AV, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, TV, AV, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, TV, AV, M YES Backlight Compensation YES (automatic or user control) Vhite balance FAWB YES Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Image Quality Adjustment NO Brightness, Contrast, Sharpness, Colour Depth Custom Control
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) YES (automatic or user control) YES (automatic or user control) YES (set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Image Quality Adjustment NO Brightness, Contrast, Sharpness, Colour Depth Brightness, Contrast, Sharpness, Colour Depth YES : control dial plus 5 assignable buttons
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects Custom Functions Custom Control Capture image size	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters Cinema-Look Filters AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) White balance FAWB YES Statter speed 1/2000th sec. 1/2 sec. Image Quality Adjustment NO Brightness, Contrast, Sharpness, Colour Depth Custom Control YES: control dial plus 5 assignable buttons Still Image 1920 x 1080 (not Cinema mode)
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects Custom Functions Custom Control Capture image size Continuous shooting mode	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters Cinema-Look Filters AE Mode YES (38 scenes) AUTO: M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) YES (automatic or user control) YES: Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Image Quality Adjustment NO Brightness, Contrast, Sharpness, Colour Depth Custom Control YES : control Gial puts 3 sasignable buttons Still Image 1920 x 1080 (not Cinema mode) NO
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects Custom Functions Custom Control Capture image size Continuous shooting mode Auto Exposure Bracketing Simultaneous Photo Recording	1 lux Low Light (0.1 lux) YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO: M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) FAWB YES: Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Image Quality Adjustment NO Brightness, Contrast, Sharpness, Colour Depth Custom Control YES : control dial plus 5 assignable buttons Still Image 1920 x 1080 (not Cinema mode) NO NO
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects Custom Functions Custom Control Capture image size Continuous shooting mode Auto Exposure Bracketing Simultaneous Photo Recording Selecting AF Frame Function	1 lux Low Light (0.1 lux) YES / Focus YES / Focus AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) YES (automatic or user control) YES et 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2000th sec. 1/2 sec. Image Quality Adjustment NO No No No No No No No No No No
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects Custom Functions Custom Control Capture image size Continuous shooting mode Auto Exposure Bracketing Simultaneous Photo Recording	1 lux Low Light (0.1 lux) YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AE Mode YES (38 scenes) AUTO: M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) FAWB YES: Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Image Quality Adjustment NO Brightness, Contrast, Sharpness, Colour Depth Custom Control YES : control dial plus 5 assignable buttons Still Image 1920 x 1080 (not Cinema mode) NO NO
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects Custom Functions Custom Control Capture image size Continuous shooting mode Auto Exposure Bracketing Simultaneous Photo Recording Selecting AF Frame Function Histogram	1 lux Low Light (0.1 lux) YE5 / Focus YE5 / YE5 AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YE5 (Magnification, Peaking) Creative Features Cinema-Look Filters AUTO; M mode: P, TV, AV, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, TV, AV, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, TV, AV, M YE5 Backlight Compensation YE5 (automatic or user control) VE5 (set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Inage Quality Adjustment NO Brightness, Contrast, Sharpness, Colour Depth Custom Control NO NO NO NO NO NO NO NO NO NO
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects Custom Functions Custom Control Capture image size Continuous shooting mode Auto Exposure Bracketing Simultaneous Photo Recording Selecting AF Frame Function Histogram Photo Burst Photo Burst Photo Burst Pattent Auto Set Photo Burst Auto Photo Burst Photo Burst Pattent Auto Set Photo Burst Photo PhotoPhoto	1 lux Low Light (0.1 lux) YES Focus YES / YES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YES (Magnification, Peaking) Creative Features Cinema-Look Filters AUTO: Mode: P, TV, AV, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, TV, AV, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, TV, AV, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, TV, AV, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, TV, AV, M YES Backlight Compensation YES (automatic or user control) White balance FAWB YES. Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Inage Quality Adjustment NO Brightness, Contrast, Sharpness, Colour Depth Custom Control YES Sasignable buttons Still Image 1920 x 1080 (not Cinema mode) NO NO NO NO NO NO NO NO NO
Night Mode Auto Gain Control limit adjustment Auto/Manual Control Manual Focus Assist Creative Features Smart AUTO Program AE Zebra Backlight Compensation Type Auto Set/Preset Maximum Slow Image Effects Custom Functions Custom Control Capture image size Continuous shooting mode Auto Exposure Bracketing Simultaneous Photo Recording Seleting AF Frame Function Histogram Photo Button	1 lux Low Light (0.1 lux) YE5 Focus YE5 / VES AUTO: Face Detection AF/Face Only AF/Instant AF/Medium AF/TV AF MANUAL: Lens ring, Touchscreen LED, Focus Preset YE5 (Magnification, Peaking) Creative Features Cinema-Look Filters AUTO; M mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M (manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks); Cinema mode: P, Tv, Av, M YES Backlight Compensation YES (automatic or user control) Mite balance FAWB YES YES: Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature Shutter speed 1/2000th sec. 1/2 sec. Image Quality Adjustment NO Brightness, Contrast, Sharpness, Colour Depth Custom Control NO NO NO NO NO NO NO NO NO NO

	Recording mode
Recording mode	Four AVCHD recording quality modes. <sup>6</sup>
······································	50P: 1920 x 1080, 28Mbps; <sup>5</sup>
	50i/PF25: 1920x1080, 24Mbps; <sup>5</sup>
	50i/PF25: 1920x1080, 17Mbps; <sup>5</sup> 50i/PF25: 1440x1080, 5Mbps
	501/PF25: 1440X1080, 5MDps
	Five MP4 quality recording modes
	50p: 1920 x 1080, 35Mbps; <sup>5</sup>
	25p: 1920 x 1080, 24Mbps, <sup>5</sup>
	25p: 1920 x 1080, 17Mbps, <sup>5</sup>
	25p: 1280 x 720, 4Mbps
	25p: 640x360, 3Mbps
Progressive shooting mode	YES (25p)
Slow and Fast Motion Recording	MP4 Mode only (2x Fast/ 0.5 Slow)
x.v.Color	No
Video Snapshot	YES during recording
Pre REC	YES with assigned button
Dual Shot	NO
Colour Bars and Test Tone	NO
	Search
Still image	NO
Date	NO
Multi Media Card	Memory Card NO
Secure Digital Card	SD / SDHC / SDXC
Movie Recording	YES
Internal Data Transfer	MOVIE: Yes (card A to B)
	STILLS: Yes (card A to B)
	Audio
System	Dolby Digital 2ch (AC-3 2ch);
	5.1ch surround sound (via Optional SM-V1 microphone)
Audio Scene Select	YES
Zoom Microphone	YES (customisable frequency response and directionality)
Manual Rec. level control	YES
lleadabaaa	Terminal
Headphone Microphone	YES YES
USB	YES (Mini-B, Hi-Speed USB - Output Only )
DV	NO
Direct Print	NO
Analogue-in	NO
AV	YES (output only)
Component	YES (output only)
HDMI	YES (HDMI <sup>™</sup> Mini Connector Output Only)
Built-in charger	
	YES
	Quick Start
Quick Start	Quick Start NO
Quick Start	Quick Start NO Accessory shoe
	Quick Start           NO           Accessory shoe           YES ( cold shoe and mini Advanced Accessory Shoe)
Quick Start Accessory shoe	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit
Quick Start	Quick Start           NO         Accessory shoe           YES ( cold shoe and mini Advanced Accessory Shoe)         YES ( cold shoe and mini Advanced Accessory Shoe)
Quick Start Accessory shoe DV Network Solution Disk	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO
Quick Start Accessory shoe DV Network Solution Disk Application software	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       Web       YES
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       Web       YES       YES       YES
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       Web       YES       YES       NO       NO
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4 HD ~ SD conversion	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       Web       YES       VES       NO       YES       Web       YES       Web       YES       Web       Wireless controller
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       YES       YES       Web       YES       YES       Web       YES       Web       YES       YES       YES       YES       YES       YES       YES
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4 HD -> SD conversion Wireless controller	Quick Start       NO       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       VES       Web       YES       YES       Web       YES       Web       YES       Web       YES       Web       YES       Battery Pack
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4 HD ~ SD conversion Wireless controller Type	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       Web       YES       VES       Web       YES       Web       YES       Web       YES       Battery Pack       Lithium Ion
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4 HD ~> SD conversion Wireless controller Type Intelligent Battery System	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       Web       YES       Web       YES       Web       YES       Web       YES       Battery Pack       Lithium Ion       YES
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4 HD ~ SD conversion Wireless controller Type	Quick Start       NO     Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       YES       VES       VES       Web       YES       Web       YES       YES       Web       YES       Web       YES       Battery Pack       Lithium Ion       YES       BP-820
Quick Start Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4 HD -> SD conversion Wireless controller Type Intelligent Battery System Battery included in the kit	Quick Start       NO       Accessory shoe       YES ( cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       Web       YES       Web       YES       Web       YES       Web       YES       Battery Pack       Lithium Ion       YES
Quick Start  Accessory shoe  DV Network Solution Disk Application software USB cable  Easy Web Upload Convert to MP4 HD → SD conversion  Wireless controller  Type Intelligent Battery System Battery included in the kit Max recording time (included battery) Long life Battery	Quick Start       NO       Accessory shoe       YES (cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       VES       Web       YES       VES       Web       YES       NO       Wireless controller       YES       Battery Pack       Lithium Ion       YES       BP-820       3hrs 10mins
Quick Start Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4 HD → SD conversion Wireless controller Type Intelligent Battery System Battery included in the kit Max recording time (included battery)	Quick Start       NO       YES (cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       Web       YES       Web       YES       Web       YES       Web       YES       Web       YES       BP-820       3hrs 10mins       BP-828       4hrs 55mins
Quick Start  Accessory shoe  DV Network Solution Disk Application software USB cable  Easy Web Upload Convert to MP4 HD → SD conversion  Wireless controller  Type Intelligent Battery System Battery included in the kit Max recording time (included battery) Long life Battery	Quick Start       NO       Accessory shoe       YES (cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       VES       Web       YES       Web       YES       Web       YES       Web       YES       Belse       Web       YES       Belse       Web       YES       Battery Pack       Lithium Ion       YES       BP-820       3hrs 10mins       BP-828       4hrs 55mins       Dimensions       115 x 84 x 231mm (with lens hood)
Quick Start Accessory shoe DV Network Solution Disk Application software USB cable Easy Web Upload Convert to MP4 HD -> SD conversion Wireless controller Type Intelligent Battery System Battery included in the kit Max recording time (included battery) Long life Battery Longer recording time "	Quick Start       NO     Accessory shoe       YES (cold shoe and mini Advanced Accessory Shoe)       PC Connection kit       NO       YES       YES       Web       YES       Web       YES       Web       YES       Web       YES       Battery Pack       Lithium Ion       YES       BP-820       3hrs 10mins       BP-828       4hrs 55mins       Dimensions

Disclaimers

1(\*): Lowest Mbps recording mode 2(\*\*): Normal LCD brightness and optional long life BP 3: Advanced Zoom ON, 16:9 recording mode, wide end 4. Image Stabiliser mode set to Standard or Off 5. Class 6 or hiher SDHC card recommended for 50P recording; Class 4 or higher SDHC card rcommended for 24Mbps/17Mbps modes; Class 2 or higher SDHC card 6. Variable bit rate used in all recording modes

7. Recording for more than 12 hours continuously is not possible 8. 5GHz band not supported in Qatar and Indonesia Specifications are subject to change without notice