

## SPECIFICATIONS

	Item	Specification	
Sensor	Type	Primary Colour Filter, CMOS sensor	
	Size	1/2.3 inch	
	Total Pixels	Approx. 12 million pixels (4,163 x 3,026)	
	Number of effective pixels	Approx. 12 million pixels (4,000 x 3000)	
	Camera sensitivity	ISO 100-3200	
Lens	Focal length (35mm equivalent)	50 - 217mm / Total 8 focal lengths	
	Maximum aperture	Wide: 4.6 - 5.3   Tele: 6.5 - 7.5	
	Zooming method	Optical zoom + digital zoom	
	Optical filter	IR cut filter	
AF	Method	Contrast autofocus	
	AF area	Center-weighted / SPOT	
	Focus mode (photo)	Single shot autofocus and manual focus by adjusting the distance	
	Focus mode (movie)	Continuous autofocus	
AE	AF-assist light	4 white LED lights	
	Method	TTL (through the lens) metering / FlashMatic (patented) light control	
	AE area	Center-weighted / SPOT / Standard	
	Shutter release	Electronic and Mechanical shutter release	
Image storage	Shutter speed	1/15 - 1/1000 sec., automatic change	
	Storage media	SD / SDHC / SDXC Card (max. 512GB)	
	File format	JPEG / MOV (with patient information file (.MIF))	
	SD card record format	DCF (standard / date)	
	Photo size	Aspect ratio (4:3)	12M (4000x3000) / 8M (3264x2448) / 5M (2560x1920)
		Aspect ratio (4:3)	3M (2080x1560) / 2M (1600x1200) / VGA (640x480)
		Aspect ratio (3:2)	10M (4000x2672) / 8M (3264x2176) / 4M (2560x1712) / 3M (2080x1392)
	Number of pixels to record movies	HD (1280x720) 59.94 fps	
	Image quality	Extra fine / Fine / Standard	
	Digital zoom	10 steps from x1.05 to x2	
ExifTag information	In accordance with Exif 2.21 and DCF standard		
Information imprinting	<ul style="list-style-type: none"> <li>• Date and time + shooting conditions + patient information</li> <li>• Date and time + shooting conditions</li> <li>• Date and time + patient information</li> <li>• Date and time</li> </ul>		
Camera	Power supply	4 Alkaline AA batteries / 4 nickel metal hydride batteries (NiMH)	
	External power supply	None	
	Power save function	off / 1 / 2 / 3 / 5 min	
	Dimensions	W 176 x H 80 x D 115 mm (accessories not included)	
	Weight	Approx. 540 g (accessories not included)	
	Operating temperature / humidity	0 to 40 °C / 10 to 80 % (without condensation)	
	Storage temperature / humidity	0 to 60 °C / 10 to 90 %	
	Water resistance	Complying with IPX4	
Chemical resistance	Ethanol disinfection		