

SX800 Specification	
Model name	SX800
Optical zoom	40x
Digital zoom	1.25x
Focal length	20mm – 800mm
Maximum aperture ratio	1 :4 (20mm), 1:7.4 (800mm)
Minimum object distance (M.O.D) from the front lens	10m (20 – 400mm in focal length) 20m (401 – 800mm in focal length)
Angle of view [16:9 (H x V)]	20mm 21.0°x11.8° 800mm 0.54°x0.31°
Effective sensor size	1/1.8"
Minimum illumination	Color 0.00015lux (at F1.2) / 0.0017lux (at F4.0) B/W 0.0001lux (at F1.2) / 0.0011lux (at F4.0)
Focus settings	Continuous AF, Quick AF, Manual
Iris	Auto, Manual (Aperture range : F4 – F16)
Shutter speed	Auto (with minimum speed selection of 1/8 – 1/125s), Manual (1 – 1/20,000s)
Gain	Manual, AGC, HYPER-AGC (Setting range: ISO400 – 819200)
Optical filter	Visible Light Cut filter (ON / OFF)
Day / Night selection	Auto, Manual
Wavelengths selection	950nm, 940nm, 850nm, 808nm, Visible light
Image stabilization	Auto, OIS, EIS, OFF
Wide dynamic range	Selectable (2 levels)
Back light correction	Selectable (2 levels)
Heat haze reduction	Selectable (3 levels)
Fog reduction	Selectable (3 levels)
Noise reduction	Selectable (3 levels)
Brightness	Selectable (21 levels)
Contrast	Selectable (5 levels)
Saturation	Selectable (5 levels)
Sharpness	Selectable (5 levels)
White balance	Auto, Custom 1 – 2, Fine, Shade, Color Temperature (3000K, 5000K, 9000K)
Video output systems	NTSC, PAL
Video format	NTSC: 1080p, 720p, 480p / PAL: 1080p, 720p, 576p
Video output systems	HDMI、HD-SDI、Composite(BNC)
Audio input / output	Input impedance: 40kΩ Output impedance: 200Ω
External interfaces	Ethernet(10Base -T, 100Base-TX, RJ45 connector), RS-485, External trigger (Day / Night)
Recording method	File recording format : MOV
File format	Compression methods : H.264 compliant Audio recording method : Linear PCM stereo (48kHz sampling)
RS-485 compatible protocol	Pelco-D / Pelco-P (including extended commands)
Power source	DC12V
Power consumption	9.5W
Supported SD card (SDHC/SDXC)	UHS-1-compatible 8GB+ SD Speed Class 10 or above
Supported protocols Internet protocol	ICMP、ARP、TCP/IP、UDP/IP、HTTP、HTTPS、FTP、SMTP、DHCP、 DNS、NTP、SSL/TLS
Supported OS	Windows 7/10
Supported browser	Chrome71+, IE11
ONVIF support	Yes (Profile-S)
Maximum number of connections	13 (simultaneously connected users)
Size (H x W x L)	139mm x 156mm x 410mm
Weight	6.4kg
Filter thread size	M112 x 1mm
Operating environment	Temperatures : -10°C - +50°C Humidity: 10% – 80% (no condensation)
Installation angle	45 degrees upward – 45 degrees downward