

LYNX ZOOM CAMERA

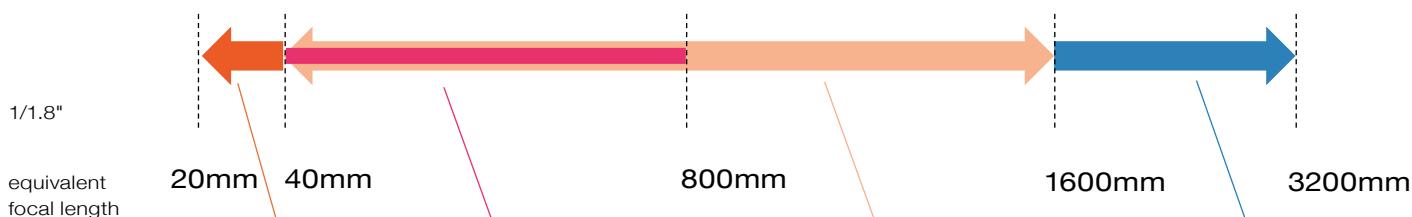
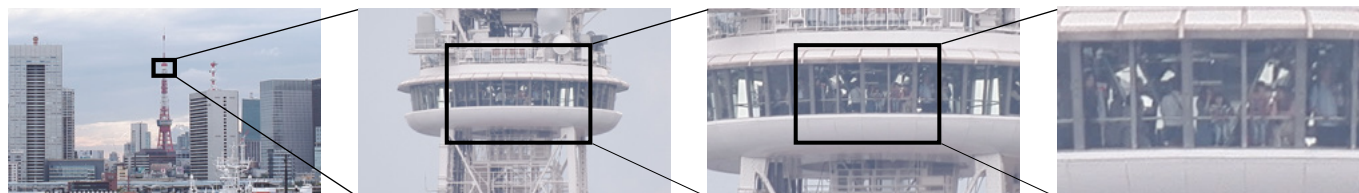


Model

LYNX800

LYNX1600

Optical zoom	40x	
Digital zoom	1.25x, 1.5x, 1.75x, 2x	
Focal length	20mm – 800mm	40mm – 1600mm
Maximum aperture ratio	1:4 (20mm), 1:7.4 (800mm)	1:8 (40mm), 1:14.8 (1600mm)
Iris range	F4 – F16	
Minimum object distance (M.O.D.)	10m (20 – 400mm in focal length) 20m (401 – 800mm in focal length)	10m (40 – 800mm in 1/1.8" equivalent focal length) 20m (801 – 1600mm in 1/1.8" equivalent focal length)
Angle of view [16:9 (H x V)]	20mm 21.0° x 11.8° 800mm 0.55° x 0.31°	20mm 21.0° x 11.9° [at 1.1" (φ17.26mm) capture] 1600mm 0.27° x 0.15° [at 1/1.8" (φ8.63mm) capture]
Effective sensor size	1/1.8"	
Minimum illumination	Color 0.00015 lux (at F1.2) / 0.0017 lux (at F4.0) B/W 0.0001 lux (at F1.2) / 0.0011 lux (at F4.0)	Color 0.00014 lux (at F1.2) / 0.0064 lux (at F8.0) B/W 0.0001 lux (at F1.2) / 0.0042 lux (at F8.0)
Focus settings	Continuous AF, Quick AF, Manual	
Iris	Auto, Manual (Aperture range: F4 – F16)	Auto, Manual (Aperture range: F8 – F32)
Shutter speed	Auto (with minimum speed selection of 1/8 – 1/125s), Manual (1 – 1/32000s)	
Gain	AGC, HYPER-AGC, Manual (Setting range: ISO400 – 819200)	
Optical filter	Visible Light Cut filter (ON / OFF)	
Day / Night selection	Auto, Scheduled, Manual	
Wavelengths selection	950nm, 940nm, 850nm, 808nm, Visible light	
Image stabilization	Auto, OIS, EIS, OFF	Auto (OIS+EIS), 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 / Contrast / Saturation / Sharpness	Selectable (100 levels)	
White balance	AWB, AWB-W, Custom 1 – 2, Fine, Shade, Color Temperature (3000K, 5000K, 9000K)	
Video format	NTSC: 1080p, 720p, 480p / PAL: 1080p, 720p, 576p	
Video output systems	OPTION HDMI, HD-SDI, Composite(BNC)	
Power source	DC 12V	
Power consumption	800: 9.5W	15W
internal SD card	UHS-1-compatible 128GB+, SD Speed Class 10 or above	
File recording format	MOV (Video encoding: H.264 compliant, Motion JPEG)	
Network protocols	ICMP, ARP, TCP / IP, UDP / IP, HTTP, RTSP, RTP, DHCP, DNS, RTP/RTCP, SNTP	
Supported OS	Windows 10	
Supported browser	Google Chrome 71+ (Only SX800)	Google Chrome 99+ / Windows Edge 99+
ONVIF support	Yes (Profile S)	



The effective area of the image on the sensor can be extended to 1.1" which allows for a wider 20mm focal length.

Effective area 1.1" provides clearer images by resizing the video signal.

40x optical zoom covering a wide range of focal lengths up to a super-telephoto 1600mm.

Up to 2x digital zoom functionality allows for a zoom range of 3200 mm.