

LTCN01

Full HD Box Camera



Features

- 1/1.8-inch progressive scan CMOS
- 0.002 lux minimum illumination in color mode and 0.0002 lux minimum illumination in black and white mode
- H.264/MPEG-4/MJPEG compression
- 2-way audio
- Power over Ethernet (PoE), IEEE 802.3af
- Operating temperature range from -30 °C to 60 °C (-22 °F to 140 °F)
- Automatic removable IR cut filter for IR sensitivity at night
- ONVIF compliant

Tech Specs

Model	LTCN01
Type	Box camera
Image Sensor	1/1.8-inch progressive scan CMOS
Lens	Optional
Effective Pixels	1920 × 1080
Minimum Illumination	<ul style="list-style-type: none"> ▪ Color mode: 0.002 lux at F 1.2, AGC on ▪ Black and white mode: 0.0002 lux at F 1.2, ACG on
Electronic Shutter Range	1 s to 1/100,000 s
IR Cut Filter	Automatically switches
Wide Dynamic Range (WDR)	Digital WDR
Digital Noise Reduction (DNR)	3D DNR
Video Compression	H.264/MPEG-4/MJPEG
Video Compression Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Compression	64 Kbps (G.711)/16 Kbps (G.726)/32 to 128 Kbps

Model	LTCN01
Rate	(MP2L2)
Frame Rate	50 Hz: 50 fps (1920 × 1080) 50fps (1280 × 960), 50 fps (1280 × 720); 60 Hz: 60 fps (1920 × 1080) 60 fps (1280 × 960), 60 fps (1280 × 720)
Third Stream	Independent with main stream and sub stream, up to 50 Hz: 25 fps (1920 × 1080), 60 Hz: 30 fps (1920 × 1080)
Image Settings	Brightness (manual/AGC), exposure time, mirror, flip, white balance, contrast, saturation, sharpness, privacy masking zones
Smart Defog	Support
Picture Overlay	128 × 128, BMP 24 bit, zone configurable
Alarm Trigger	Line crossing detection, Intrusion detection, Defocus detection, Scene change detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Certifications	ONVIF, PSIA, CGI, ISAPI, GB28181
Supported Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Connectors	<ul style="list-style-type: none"> ▪ RJ-45 10BASE-T/100BASE-TX × 1 ▪ Digital I/O: digital input × 1, digital output × 1 ▪ Ø 3.5 mm stereo mini-jack × 2: audio in (microphone in/line in) × 1, audio out × 1 ▪ RS-485 × 1 ▪ RS-232 × 1 ▪ Vp-p composite output (75Ω/BNC) × 1
Audio	2-way input/output
Audio Streaming	16 kHz/32 kHz/44.1 kHz/48 kHz
Operating Ambient Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Relative Humidity	5 % to 95 % noncondensing
Input Power	24 V AC ± 10 %/12 V DC ± 10 %/PoE
Power Consumption	Max. 12 W
Dimensions (L × W × H)	69.8 mm × 58 mm × 145 mm (2.75 in × 2.28 in × 5.71 in)
Weight	830 g (1.83 lb)

*Design and specifications are subject to change without prior notice.