

# 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

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

<b>Model</b>	LTCN01
<b>Compression</b>	
<b>Audio</b>	64 Kbps (G.711)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2)
<b>Compression Rate</b>	
<b>Frame Rate</b>	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)
<b>Third Stream</b>	Independent with main stream and sub stream, up to 50 Hz: 25 fps (1920 × 1080), 60 Hz: 30 fps (1920 × 1080)
<b>Image Settings</b>	Brightness (manual/AGC), exposure time, mirror, flip, white balance, contrast, saturation, sharpness, privacy masking zones
<b>Smart Defog</b>	Support
<b>Picture Overlay</b>	128 × 128, BMP 24 bit, zone configurable
<b>Alarm Trigger</b>	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
<b>Certifications</b>	ONVIF, PSIA, CGI, ISAPI, GB28181
<b>Supported Protocols</b>	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
<b>Connectors</b>	<ul style="list-style-type: none"> <li>▪ RJ-45 10BASE-T/100BASE-TX × 1</li> <li>▪ Digital I/O: digital input × 1, digital output × 1</li> <li>▪ Ø 3.5 mm stereo mini-jack × 2: audio in (microphone in/line in) × 1, audio out × 1</li> <li>▪ RS-485 × 1</li> <li>▪ RS-232 × 1</li> <li>▪ Vp-p composite output (75Ω/BNC) × 1</li> </ul>
<b>Audio</b>	2-way input/output
<b>Audio Streaming</b>	16 kHz/32 kHz/44.1 kHz/48 kHz
<b>Operating Ambient Temperature</b>	-30 °C to 60 °C (-22 °F to 140 °F)
<b>Relative Humidity</b>	5 % to 95 % noncondensing
<b>Input Power</b>	24 V AC ± 10 %/12 V DC ± 10 %/PoE
<b>Power Consumption</b>	Max. 12 W
<b>Dimensions (L × W × H)</b>	69.8 mm × 58 mm × 145 mm (2.75 in × 2.28 in × 5.71 in)
<b>Weight</b>	830 g (1.83 lb)

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