

# ICH-42

## NETWORK CUBE CAMERA



### KEY FEATURES

- Up to 4.0 megapixel high resolution
- Two video streams
- 2.8mm fixed lens
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Support on-board storage, up to 128GB
- Build-in microphone and speaker, support two-way audio
- DC12V & PoE (802.3af)
- Up to 10 m IR range
- Alarm I/O
- Support PIR (Passive Infrared Detection)
- Built-in Wi-Fi
- Mobile Monitoring via CCTV Viewer



SPECIFICATION	ICH-42
<b>Camera</b>	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Lens	2.8 mm, horizontal field of view 105.8°
Lens Mount	M12
Day & Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	Digital WDR
<b>Compression Standard</b>	
Video Compression	H.264/H.264+/MJPEG
H.264 Type	BaseLine Profile/Main Profile
Video Bit Rate	32 Kbps - 8 Mbps
Dual Streams	Support
Audio Bit Rate	G.711/G.722.1/G.726/MP2L2
Audio Compression	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)
<b>Image</b>	
Max. Resolution	2688 x 1520
Max. Frame Rate	Main Stream: 50Hz: 20fps (2688 x 1520), 25fps (1920 x 1080, 1280x720) Sub Stream: 50Hz: 20fps (640 x 360, 352 x 288)
Image Settings	Support rotate mode, brightness, saturation, sharpness, contrast are adjustable via web browser and client software
Day/Night Switch	Support auto, scheduled, and triggered by alarm input
Others	Mirror, Wide Dynamic Range (WDR), (Backlight Compensation)BLC, (Region of Interest) ROI
<b>Network</b>	
Network Storage	Support Micro SD/SDHC/SDXC card (up to 128 GB) local storage and NAS (NFS,SMB/CIFS), ANR
Detection	Intrusion Detection, Line Crossing Detection, Motion Detection, Dynamic Analysis
Alarm Trigger	Tampering Alarm, HDD Full, HDD Error, Network Disconnected, IP Address Conflicted, Illegal Login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
General Function	One-key reset, Anti-flicker, Dual Streams, Heartbeat, Password Protection, Privacy Mask, Watermark, IP Address Filtering
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M Ethernet port
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128GB
Audio Interface	1 build-in Mic, 1 build-in speaker
Alarm	1 alarm input, 1 alarm output
Reset	Yes
<b>Wi-Fi</b>	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM



### DIMENSIONS (mm)

