



TC-C35LQ Spec:I5W/E/Y/T/4mm/V4.2

5MP Fixed Thermal Bullet Camera

Pro Series



KEY FEATURES

- Metal+plastic housing
- Up to Optical: 2880×1620@30fps Thermal: 1280×720@25fps
- S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
- Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
- IR range up to 50m
- 1×Built-in Mic, 1×Built-in Loudspeaker
- Support microSD/microSDHC/microSDXC card,up to 512GB
- Support smart surveillance
- Support human/vehicle classification
- Operating conditions -40°C~65°C(-40°F~149°F), ≤95%RH
- DC12V±25%,Max. 9W; PoE:IEEE 802.3at,Max. 10W
- IP67



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SPECIFICATIONS

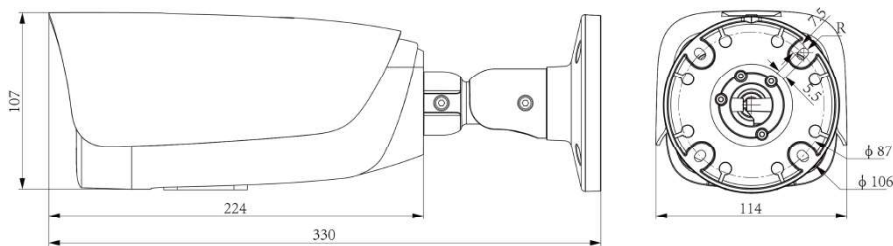
Thermal	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	256 × 192
Pixel Pitch	12μm
Spectral Range	8μm to 14μm
Focal Length	6.8mm
NETD	≤55 mK(@25°C, F1.1)
Aperture	F1.1
Field of View	Horizontal FOV:26°, Vertical FOV:20°
Camera	
Image Sensor	1/2.7"CMOS
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Shutter Time	1s~1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
Smart IR	Yes
WDR	120dB
S/N	>39dB
Angle Adjustment	0~360°(P); 0~90°(T); 0~360°(R)
Lens	
Lens Type	Fixed focal lens
Focal Length	Thermal:3mm;Optical:4mm
Lens Mount	M12
Aperture Range	Thermal:F1.1;Optical:F1.6
Aperture Type	Fixed
Field of View	Thermal:56°(H);Optical:88.7°(H); Thermal:42°(V);Optical:46.8°(V); Thermal:70°(D);Optical:100.3°(D)
DORI Distance	Detect:80m Observe:31.5m Recognize:16m Identify:8m
Illuminator	
IR LEDs	2
IR Distance	Up to 50m
Wavelength	850nm
White LEDs	2
Whitelight Distance	15m
Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
Video Bit Rate	32k~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8kHz/32kHz/48kHz

Image	
Max. Resolution	Optical: 2880×1620@30fps Thermal: 1280×720@25fps
Main Stream	Optical: PAL:25fps(2880×1620, 2688×1520, 2560×1440, 2304×1296) NTSC:30fps(2880×1620, 2688×1520, 2560×1440, 2304×1296) Thermal: PAL:25fps(1280×720, 704×576, 640×480, 352×288) NTSC:25fps(1280×720, 704×480, 640×480, 352×240)
Sub Stream	Optical: PAL:25fps(704×576, 704×288, 640×360, 352×288) NTSC:30fps(704×480, 704×240, 640×360, 352×240) Thermal: PAL:25fps(704×576, 640×480, 352×288) PAL:25fps(704×480, 640×480, 352×240)
BLC	Yes
HLC	Yes
AGC	Yes
3D DNR	Yes
White Balance	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
ROI	8 rectangular static areas
OSD	Optical: Overlay of additional characters in 5 regions, 2 lines, with a maximum of 127 characters or 42 Chinese characters per region Thermal: Overlay of additional characters in 1 area, 2 lines, with a maximum of 127 characters or 42 Chinese characters per area; 16*16/32*32/48*48/64*64/96*96; Vector/Lattice
Picture Overlay	1*200x200 size BMP 24 color bit image overlay
Privacy Mask	4 black static areas
Defog	Yes
Feature	
General Alarm	Motion Detection; Mask Alarm; Alarm Input
Exceptions Alarm	Voltage Alarm; Disk Full; Disk R/W Error; IP Address Conflict; MAC Address Conflict; FTP Server Exception ; Network Disconnection
Linkage Method	Send Email; Trigger Sound; Trigger Warmlight; Trigger Recording; Trigger Capture; Notify Surveillance Center; Alarm Output
Video Analytics	Human/Vehicle Classification; Tripwire; Double Tripwire; Perimeter; Video Abnormal; Audio Abnormal
Rules of Behavior Analyse In 1 Scene	8

Network	
ANR	Yes
Protocols	RTSP; RTMP; HTTP; HTTPS; TCP; UDP; UPnP; ICMP; IGMP; SNMP v1\2\3; DHCP; DNS; DDNS; Easy DDNS; NTP; SMTP; TLS v1.2; SSL; 802.1X; QoS; IPv4; IPv6; PPPoE; SSH; Unicast; Multicast; RTCP; ARP; SRTP; FTP; SFTP
System Compatibility	ONVIF(Profile S/T/G/M) ; SDK; CGI; Milestone
Remote Connection	≤7
Client	Easy7 VMS
Moblie Client	EasyLive Plus
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Interface	
Communication Interface	1×RJ-45 (10/100 Base-T)
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium; 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	2×input,TTL,3mA,3.3VDC; 1×output,relay,1A,24VDC
Built-in Mic	1×Built-in Mic
Built-in Speaker	1×Built-in Loudspeaker
Reset Button	Yes
On-board Storage	Support microSD/microSDHC/microSDXC card,up to 512GB
RTC	Yes
Additional Interfaces	RS-485
General	
Fire Detection	Yes
Smoking Detection	Yes
Cold/Hot Spot Trace	Yes
Thermal Video Analytics	Tripwire;Perimeter;Human & Vehicle Classification
Temperature Measurement	3 temperature measurement rule types(points, areas, line), max 12 rules in total
Temperature Range	-15°C to 550°C (5°F to 1022°F);2 temperature ranges
Temperature Accuracy	Max (±2°C, ±2 %)
Temperature Range	10 types

General	
Web Client Language	19 languages Simple Chinese/Traditional Chinese/English/Spanish/Korean/Italian/Turkish/Russian/Thai/French/ Polish/Dutch/Hebrew/Arabic/Vietnamese/German/Ukrainian/Portuguese/Albanian
Operating Temperature	-40°C~65°C(-40°F~149°F)
Operating Humidity	≤95%RH
Storage Temperature	-40°C~65°C(-40°F~149°F)
Storage Humidity	10%~95%RH(non-condensing)
Power Supply	DC12V±25%,Max. 9W; PoE:IEEE 802.3at,Max. 10W
Protection	Surge4000V; ESD6000V; IP67
Boundary Dimensions	330(L)114(W)107(H)mm
Package Dimensions	360(L)150(W)170(H)mm
GrossWeight	1.85kg

DIMENSIONS (Unit: mm)



Assembly diagram of Junction Box



A22



A35_V5.0



A36_V5.0