



### Specifications

CAMERA					
<b>Sensor</b>	1/2.9" progressive scan, 2.0 megapixel, CMOS				
<b>Lens</b>	5.2~ 114.4 mm AF automatic focusing and motorized zoom lens				
<b>DORI Distance</b>	Lens	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5.2mm	83.6	33.4	16.7	8.4
	114.4mm	1838.6	735.4	367.7	183.9
<b>Angle of View (H)</b>	54.40°~ 3.44°				
<b>Angle of View (V)</b>	39.2° ~1.9°				
<b>Angle of View (O)</b>	66.9° ~4.1°				
<b>Adjustment angle</b>	Pan: 0°~360°	Tilt: 0°~90°	Rotate: 0°~360°		
<b>Shutter</b>	Auto/Manual, shutter time: 1 s ~ 1/100000 s				
<b>Minimum Illumination</b>	Colour: 0.01 lux (F1.5,AGC ON) 0 lux with IR				
<b>Iris</b>	F1.5				
<b>Day/Night</b>	IR-cut filter with auto switch (ICR)				
<b>Digital noise reduction</b>	2D/3D DNR				
<b>S/N</b>	>55 dB				
<b>IR Range</b>	UP to 150m (492ft)				
<b>Defog</b>	Digital Defog				
<b>WDR</b>	DWDR				
VIDEO					
<b>Video Compression</b>	Ultra 265,H.265, H.264, MJPEG				
<b>H.264 code profile</b>	Baseline profile, Main Profile, High Profile				
<b>Frame Rate</b>	Main Stream: 2MP (1920×1080): Max. 30 fps; Sub Stream: 2MP (1920×1080): Max. 30 fps; Third Stream: D1 (720×576): Max. 30 fps				
<b>HLC</b>	Supported				
<b>BLC</b>	Supported				
<b>EIS</b>	Supported				
<b>OSD</b>	Up to 8 OSDs				
<b>Privacy Mask</b>	Up to 24 areas				
<b>ROI</b>	Up to 8 areas				
<b>Motion Detection</b>	Up to 4 areas				
SMART					
<b>Behavior Detection</b>	Intrusion, cross line, motion detection				
<b>Intrusion</b>	Enter and loiter in a pre-defined virtual region				
<b>cross line</b>	Cross a pre-defined virtual line				
<b>motion detection</b>	Moving within a pre-defined virtual region				
<b>Recognition</b>	Face detection	Face detection, Audio detection			
<b>Statistical Analysis</b>	People counting				
<b>General Function</b>	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication			

### Features

#### Optics:

- 22X Optical Zoom
- Fifth-generation infrared technology, more than 150m (492ft)
- IR distance IR anti-reflection window to increase the infrared transmittance
- Optical glass window with higher light transmittance
- Smart IR
- EIS (Electronic Image Stabilization)

#### Compression:

- Ultra 265,H.265, H.264, MJPEG
- MJPEG Embedded smart algorithm Triple streams Customized OSD

#### Network:

- ONVIF Conformance

#### Structure:

- Intelligent temperature control technology
- More effective heat dissipation system
- 6 KV surge protection designed for network interface
- IK10 vandal resistant
- IP66

AUDIO		
Audio Compression	G.711	
Two-way audio	Supported	
Suppression	Supported	
Sampling Rate	8 KHZ	
STORAGE		
Edge Storage	Micro SD, up to 256 GB	
Network Storage	ANR	
NETWORK		
Protocol	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP	
Compatible Integration	ONVIF(Profile S, Profile G), API	
PAN & TILT		
Pan Range	360°	
Pan Speed	0.1°/s ~ 240°/s Preset speed: 300°/s	
Tilt Range	-15° ~ +90° (auto reverse)	
Tilt Speed	0.1° ~ 80°/s Preset speed: 80°/s	
Number of Presets	1024	
Patrol	Preset patrol, route patrol, recorded patrol	
Home Position	Supported	
INTERFACE		
Audio I/O	N/A	1 Input: impedance 35 kΩ; amplitude 2 V [p-p]
	N/A	1 Output: impedance 600 Ω; amplitude 2 V [p-p]
Network	N/A	1/ 1
Built-in Mic	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet
GENERAL		
Power Supply	DC 12V±10%	DC 12V±10%, PoE (PSE Required)
	Power consumption: 16~30 W	
Dimensions (Ø x H)	215mm×344mm (8.5" x13.5")	
Weight	3kg(6.6lb)	
Working Environment	-40°C ~ +65°C (-40°F ~ 149°F), Humidity:10%~90% RH (non-condensing)	
Ingress Protection	IP66	
Vandal Resistant	IK10	
Reset Button	Supported	

## Dimensions

