



## Camera

<b>Image Sensor:</b>	1/2.7" Progressive Scan CMOS
<b>Signal System:</b>	PAL/NTSC
<b>Min. Illumination:</b>	Color: 0.007 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.4, AGC ON), 0 Lux with IR
<b>Shutter time:</b>	1/3 s to 1/100,000 s
<b>Slow shutter:</b>	Support
<b>Lens:</b>	Horizontal FOV: 101° to 29°, vertical FOV: 54° to 16°, diagonal FOV: 121° to 34°
<b>Lens Mount:</b>	φ14
<b>Adjustment Range:</b>	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
<b>Day&amp; Night:</b>	IR cut filter with auto switch
<b>Wide Dynamic Range:</b>	120 dB
<b>Digital noise reduction:</b>	3D DNR
<b>Focus:</b>	Motorized VF lens(-Z model)

## Compression Standard

<b>Video Compression:</b>	H.265/H.264/MJPEG
<b>Video bit rate:</b>	32Kbps~16Mbps

## Image

<b>Max. Image Resolution:</b>	2688 × 1520
<b>Sub Stream:</b>	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
<b>Frame Rate:</b>	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
<b>Image Enhancement:</b>	BLC/3D DNR
<b>Image Settings:</b>	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
<b>ROI:</b>	Support 1 fixed region for main stream and sub stream separately
<b>Day/Night Switch:</b>	Day/Night/Auto/Schedule

## Network

<b>Network Storage:</b>	microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
<b>Protocols:</b>	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
<b>General Function:</b>	One-key reset, Anti-Flicker, heartbeat, mirror, password protection, privacy mask, Watermark, IP address filtering
<b>System Compatibility:</b>	ONVIF (Profile S, Profile G),ISAPI



## Intelligent

**Behavior analysis:** Line crossing detection, intrusion detection, region entrance detection, region exit detection

## Interface

**Alarm:** 1 alarm input, 1 alarm output

**Alarm Input:** 1

**Alarm Output:** 1

**On-board storage:** Built-in Micro SD/SDHC/SDXC slot, up to 128 GB

**Reset Button:** Yes

## Smart Feature-set

**Line Crossing Detection:** Cross a pre-defined virtual line

**Intrusion Detection:** Enter and loiter in a pre-defined virtual region

**Region Entrance:** Enter a pre-defined virtual region from the outside place

**Region Exiting:** Exit from a pre-defined virtual region

## General

**Operating Conditions:** -30 °C ~ 60 °C (-22 °F ~ 140 °F)  
Humidity 95% or less (non-condensing)

**Power Consumption:** 12 VDC, 1.3 A, max. 15.5 W  
PoE: (802.3at, 42.5 VDC to 57 VDC), 0.5 A to 0.3 A, max. 19 W

**Weather Proof:** IP67

**IR Range:** Up to 50m

**Dimensions:** Camera:  $\Phi$  105 × 297.5 mm ( $\Phi$  4.1" × 11.7")

**Weight:** Camera: 1400 g (3.1 lb.)  
With package: 1750 g (3.9 lb.)