

Image Sensor	1 / 1.8 "CMOS
Image Size	2592 x 1944
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Min. Illumination	0.01 lux @F1.2, AGC ON; 0 lux with IR
Lens	3.6 ~ 10 mm
Lens Mount	CS and Ø14 optional
Day & Night	ICR
Wide Dynamic Range	Digital WDR
Digital NR	2D / 3D DNR
Angle Adjustment	Pan : 0°~360°, Tilt : 0°~77°, Rotation : 0°~360°
Image	
Video Compression	H.265 / MJPEG
H.265 Compression	Main Profile @Level 4.1 High Tier
Standard	
Resolution	5MP (2592 × 1944)、 2560 × 1440、 1080P
	720P (1280 × 720)、 D1、 CIF、 480 × 240
	5MP (1~30fps) / 2560 × 1440 (1~30fps)
Multi-stream	1080P (1~30fps) / 720P (1~30fps)
	D1 (1~60fps) / CIF (1~30fps)
	D1 (1~30fps) / CIF (1~30fps) / 480 × 240
Bit rate	16Kbps ~ 40Mbps
Encode Mode	VBR / CBR
Quality	Five levels under VBR; Freely adjustable
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast
	Sharpen, NR, etc. adjustable through client software
Audio Compression	G.711A / U
ROI	Support independent ROI configuration of each stream
Interfaces	
Network	Gigabit ethernet network port (RJ45 x 1),
	10M / 100M / 1000M self-adaptive
Audio	Two-way audio (MIC IN × 1, MIC OUT × 1)
Video Output	CVBS video output (BNC x 1)
Storage Card	Support SD card, up to 64GB
RS485	Yes
Alarm Input	1 CH
Alarm Output	1 CH
Functions	
Remote Monitoring	IE browsing, CMS remote control
Online Connection	Support simultaneous monitoring for up to 16 channels
	Support multi-stream real time transmission
Protocol	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDN
Interface Protocol	ONVIF, GB-T / 28181-2011
Storage	SD card local storage, network remote storage
Smart Alarm	Motion Alarm, Sensor alarm
Smart Analysis	Valuable watching, perimeter and abnormal
PTZ	RS485 x 1

PoE	Yes
IR Distance	30 m
Water-proof	IP66
Others	
Power Supply	DC 12V / PoE
Power Consumption	< 3W
IR Consumption ON	< 5.5W
Operating Environment	- 30 °C ~ 50 °C, 10 % ~ 90 % humidity
Dimensions (mm)	Φ 150 × 114
Weight (net)	1025g
Installation	Pendent mounting (Wall mounting available
	and bracket)