

## Features

- Starlight illumination
- Accurate and fast focusing
- Smart IR, up to 200 m (656 ft) IR distance
- Optical glass window with higher light transmittance, 33x zoom
- IR anti-reflection window to increase the infrared transmittance
- H.264 High Profile
- Triple streams
- Frame rate up to 60 fps with 1080P
- ONVIF Conformance
- Innovative snow-removing functionality
- More effective heat dissipation system
- Intelligent temperature control technology
- 6 KV surge protection designed for network interface



## Specification

Camera	
Sensor	1/1.9", 2 megapixel, progressive scan, CMOS
Lens	4.5-148.5 mm (33x optical zoom)
Angle of View (H)	70deg. (wide) ~ 3.76deg. (tele)
Iris	Auto/Manual; F1.5 ~ F3.4
Shutter	Auto/Manual; shutter time: 1/6 s ~ 1/8000 s
Minimum Illumination	Colour: 0.002 lux (F1.6, 50IRE) B/W: 0.0002 lux (F1.6, 50IRE)
S/N	>52dB
Day/Night	IR-cut filter with auto switch (ICR)
IR Range	up to 656ft (200m)
Video	

Max. Resolution	1920 x 1080
Video Compression	H.264,MJPEG
Frame Rate	1080P (1920x1080):Max.60 fps; 720P (1280x720):Max.60 fps; D1 (720x576):Max.25 fps
Video Streaming	Triple
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
Digital Zoom	Supported
Audio	
Audio Compression	G.711
Two-way audio	Supported
Storage	
Edge Storage	Micro SD, up to 64 GB
Network	
Protocols	L2TP,IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTP,RTSP,NTP,FTP,HTTP,SNMP,SIP
Compatible Integration	ONVIF, IMOS,API
Pan & Tilt	
Pan Range	360deg. (endless)
Pan Speed	0.1deg./s ~ 240deg./s Preset speed: 300deg./s
Tilt Range	15deg. ~ +90deg. (auto reverse)
Tilt Speed	0.1deg. ~ 160deg./s Preset speed: 240deg./s
Number of Preset	255
Patrol	Up to 16 patrols, up to 32 presets per patrol Note: The total number of patrols and patterns is 16.
Pattern	Up to 16 patterns, with the total recording time not less 15 minutes per pattern
Interface	
Audio I/O	audio cable Input: impedance 35 kohm; amplitude 2 V [p-p] Output: impedance 600 ohm; amplitude 2 V [p-p]
Alarm I/O	2 / 1
Serial Port	1 RS485

Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75 ohm; amplitude 1 V [p-p]
General	
Power	24 V AC (Default), 24 V DC Power consumption: 12 ~46W (IR:27W, heater: Max. 12W)
Dimensions (Dia. x H)	Dia.227 x 359.4 mm (Dia.8.9" x 14.2")
Weight	5.5 kg (12.1 lb)
Working Environment	40°C ~ +70°C (-40°F ~ 158°F), Humidity
Ingress Protection	IP66

## Dimension

