



TECHNICAL SPECIFICATIONS

SPECIFICATION

Sensor	1/2.8-inch-high quality HD CMOS sensor
Effective Pixels	16:9 2.07 megapixel
Video Format	HDMI/SDI : 1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94; 720P60/50/30/25/59.94/29.97
Optical Zoom	30X f=4.3-129mm
View Angle	2.34°(tele) 65.1°(wide)
AV	F1.6- F4.7
Digital Zoom	10X
Minimum Illumination	0.1 Lux
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push/ 3000K/ 4000K/5000K/6500K
Focus	Auto/Manual/One key focus
Aperture/Electronic Shutter	Auto / Manual
Electronic Shutter	Auto / Manual
BLC	ON/OFF
WDR	OFF/ Dynamic Level Adjustment
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>55dB



INPUT/OUTPUT INTERFACE

Video Interfaces	SDI, HDMI, LAN (NDI & POE), RS232 (In & Out), RS485,A-IN
Video output interface	HDMI, SDI, LAN
Video Compression Format	H.264, H.265, Dual stream output
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate:115200/9600/4800/2400bps
Audio Input Interface	A-IN: Double track 3.5mm linear input; (Stream Only)
Audio Compression Format	AAC/MP3/G.711A Audio compression
HD IP Interface	100M IP Port(10/100BASE-TX); Support VISCA protocol control through IP port.
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, NDI
Power Interface	HEC3800 Outlet (DC12V)
Supply Adapter	AC110V-AC220V to DC12V/1.5A
Input Voltage	DC12V $\pm$ 10%
Input current	1A (Max)
Consumption	12W (Max)

PTZ PARAMETER

Pan/Tilt Rotation	$\pm 170^{\circ}$, $-30^{\circ} \sim +90^{\circ}$
Pan Control Speed	0.1 -60 $^{\circ}$ /sec
Tilt Control Speed	0.1-30 $^{\circ}$ /sec
Preset Speed	Pan: 60 $^{\circ}$ /sec, Tilt: 30 $^{\circ}$ /sec
Preset Number	255 presets (10 presets by remote controller)

OTHER PARAMETER

Storage temperature	-10 $^{\circ}$ C $\sim$ +60 $^{\circ}$ C
Storage humidity	20% $\sim$ 95%
Working temperature	-10 $^{\circ}$ C $\sim$ +50 $^{\circ}$ C
Working humidity	20% $\sim$ 80%
Dimension	150mmX150mmX167.5mm
Weight	1.4KG
Remote Operation (IP)	Remote Upgrade, Reboot and Reset
Accessories (with camera)	12V/1.5A power supply, RS232 cable, remote control, manual, warranty card, Bracket