



TECHNICAL SPECIFICATIONS

SPECIFICATION

Sensor	1/2.8-inch-high quality HD CMOS sensor
Effective Pixels	16:9 2.07 megapixel
Video Format	HDMI/Video Format : 1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94;7 20P60/50/30/25/59.94/29.97 Interface Video Format : 1920X1080P60/50/30/25;1280X720P60/50/30/25; 960X540P30;640X360P30;640X480P30; 352X288P30;960X540P30;
Optical Zoom	10X f= 4.7~47mm
View Angle	16.43° (tele) 60.9°(wide)
AV	F1.6 - F3.0
Digital Zoom	10X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push/ 3000K/ 4000K/5000K/6500K
Focus	Auto/ Manual
Aperture	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	USB2.0, USB3.0, HDMI, LAN, RS232 (input)
Image Code Stream	Double streams output simultaneously
Video Compression Format	H.264, H.265
Control Signal Interface	RS-232 Ring through RS232 output, RS-485
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/9600/4800/2400bps
HD IP Interface	100M IP port(100BASE-TX); 5G WiFi (optional), support IP Visca control protocol
Network Protocol	RTSP/RTMP, ONVIF
Power Interface	HEC3800 outlet (DC12V)

PTZ PARAMETER

Pan Rotation	±170°
Tilt Rotation	-30~+90°
Pan Control Speed	0.1 - 180°/sec
Tilt Control Speed	0.1 - 80°/sec
Preset Speed	Pan: 60°/sec, Tilt: 30°/sec
Preset Number	255 presets (10 presets by the remote controller)

OTHER PARAMETER

Supply Adapter	AC110V-AC220V to DC12V/2A
Input Voltage	DC12V±10 %
Input Current	1A(Max)
Consumption	12W (Max)
Store Temperature	-10°C to +60°C
Store Humidity	20% - 95%
Working Temperature	-10°C to +50°C
Working Humidity	20%-80%
Dimension	150mmX150mmX167.5mm
Weight	1.4KG
Working Environment	Indoor
Remote Operation (IP)	Remote Upgrade, Reboot, and Reset
Accessories	Power Supply, RS232 Control Cable, USB3.0 Cable, USB2.0 Cable, Remoter, Manual, Warranty card