TECHNICAL SPECIFICATIONS

SPECIFICATION

Sensor	1/2.8-inch-high quality HD CMOS sensor
Effective Pixels	16: 9, 2.07 megapixel
Video Format	**HDMI/SDI video format** 1080P60/50/30/25, 1080I60/50, 720P60/50 **USB3.0 interface video format:** **Main Stream:** YUY2/MJPEG/NV12/H.264/H.265: 1920X1080P30, 1280X720P30, 1024X576P30, 960X540P30, 800X448P30, 720X480P30, 640X360P30, 640X480P30, 320X176P30 **Sub Stream:** YUY2/NV12: 640X360P30, 640X480P30, 320X176P30 MJPEG/H.264/H.265: 1920X1080P30, 1280X720P30, 1024X576P30, 960X540P30, 800X448P30, 720X480P30, 640X360P30, 640X480P30, 320X176P30
Optical Zoom	30X f=4.3-129mm
View Angle	65°(W) 2.34°(T)
AV	F1.6 – F4.7
Digital Zoom	10X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto/Manual/One Push/Specify color temperature (range: 2400k-7100k)
Focus	Auto/Manual/One Push Focus
Aperture/Electronic Shutter	Auto/Manual/One Push Focus
Electronic Shutter	Auto/Manual/One Push Focus
Iris	Auto/Manual
Shutter	Auto/Manual
BLC	ON/OFF
WDR	OFF/ Dynamic level adjustment

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Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>50dB

INPUT/OUTPUT INTERFACE

Video Interfaces	HDMI, SDI, LAN (POE), USB3.0 (type B compatible with USB2.0), RS232-IN, RS232-OUT, RS422 (compatible with RS485), A-IN, Rotary DIP switch, DC 12V port, Power Switch
Video output	HDMI, SDI, LAN, USB3.0
Video Stream	Dual stream output for primary and secondary streams
Video Compression Format	LAN Interface: H.265, H.264, Dual stream output USB3.0 Interface: YUY2, MJPEG, H.264, NV12, H.265
Audio Input Interface	Stereo unbalanced 3.5mm input
Audio Output Interface	HDMI, SDI, LAN, USB3.0
Audio Compression Format	AAC/MP3/G.711A
Control Interface	RS232-IN, RS232-OUT, RS422 (compatible with RS485)
Control Protocol	VISCA/Pelco-D/Pelco-P, Baud Rate: 115200/38400/9600/4800/2400bps
Power Interface	HEC3800 outlet (DC12V)
Input Voltage	DC12V±10%
Input Electric Current	Maximum: 1A
Power Consumption	Maximum: 12W
Network Protocols	RTSP, RTMP, ONVIF, GB/T28181; Network VISCA control protocol; Support remote upgrade, reboot and reset
USB Communication	UVC (Video), UAC (Audio)

PTZ PARAMETER

Pan/Tilt Rotation	±170°, -30°~+90°
Pan Control Speed	0.1 -100°/sec
Tilt Control Speed	0.1-45°/sec
Preset Speed	Pan: 100°/sec, Tilt: 45°/sec
Preset Number	255 presets (10 presets by remote controller)

OTHER PARAMETER

Stored Temperature	-10°C~+70°C
Storage Humidity	20%~95%
Working Temperature	-10°C~+50°C
Working Humidity	20%~80%
Dimension	181mmX115mmX149mm
Weight	1.15KG

ACCESSORY

Package	Power Supply, RS232 Control Cable, USB3.0 cable (U3 model), IR Remote Control, User Manual
Optional Accessories	Ceiling / Wall Mount (Extra Cost)

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