

<b>Camera Specs</b>	
Image Sensor	1/2.7" Exmor CMOS (10X), 1/2.8" Exmor CMOS (20X), 1/2.8" Exmor CMOS (30X)
Frame Rate	1080P60/ 59.94 / 50 / 30 / 29.97 / 25 1080I60/ 59.94 / 50 / 30 / 29.97 / 25 720P60/ 50 / 30 / 25, 480I60, 576I50
Zoom	Optical - 10X/20X/30X
F-number	1.6(W)-3.5(T) (10X), 1.6(W)-3.5(T) (20X), 1.3(W)-4.8(T) (30X)
Focus	f=5.1mm~51mm (10X), f=4.7mm~94.0mm (20X), f=5.2mm~148.4mm (30X)
Effective Pixels	2.70 Megapixel (10X), 2.38 Megapixel (20X), 2.70 Megapixel (30X)
View Angle (H)	72° (10X), 65° (20X), 65.4° (30X)
Min Illumination	0.5lux (F 1.8, AGG ON)
Shutter Speed	1 to 1/10000s
Image Adjustment	Vertical Flip & Mirror Supported
<b>Input/Output Interface</b>	
Video Output	HDMI, 3G-SDI, USB 3.0, RJ45 Network (10/100M Adaptive Ethernet ports)
Audio Input	1-ch 3.5mm audio interface, Line In
Communication interface	1X RS232 IN, 1X RS232 Out, 1X RJ45, RS485
Power Connection	DC IN 12V, Power over Ethernet
<b>Mechanical</b>	
Pan/Tilt Rotation	±178°, Tilt Rotation Angle -30°~ +90° Pan 90°/s; Tilt: 90°/s
Presets	Max 255 Presets ( Remote 9 Presets)
Network Protocol	VISCA, PELCO P/D, ONVIF Protocol
<b>IPC Video Features</b>	
Video standard	H.265/H.264/MJPEG
Video Stream	Main stream, Sub stream
Main stream resolution	1920x1080, 1280x720
Sub stream resolution	720x480, 320x240
Bit Rate	128K, 256K, 384K, 512K, 768K, 1024K, 1536K, 2048K, 3072K, 4096K, 5120K, 6144K, 8192K
Bit Rate Type	Variable rate, Fixed rate
Maximum Frame	60fps

Audio encode standard	G.711, G.722, G.722.1, G.728, G.722.1C AAC
Audio stream rate	96K, 128K, 256K
Supported protocols	TCP/IP, RTSP, RTMP
<b>Generic</b>	
Dimensions	(L*W*H) 120mm x 120mm x 145mm
Gross Weight	1.6kg
Operating Temperature	-10°C ~ 50°C
Max Consumption	12W DC12V@1A