

Tracking camera, lens parameters	
Image sensor	1/2.8inch high quality CMOS sensor
Effective pixels	2,070,000 16: 9
Video signal	1080P60/50/30/25/59.94/29.971080I60/50/59.94720P60/50/30/25/59.94/29.97
Lens optics zoom	20X optical zoom f=4.7~94mm
Visual angle	2.9° (narrow angle) ~55.4° (wide angle)
Aperture coefficient	F1.6 ~ F3.5
Digital zoom	X10
Minimum illumination	0.5Lux(F1.8, AGC ON)
Digital noise reduction	2D & 3D digital noise reduction
White balance	Manual/auto/one-key white balance /3000K/ 4000K/5000K/6500K
Focus	Auto/manual
Aperture	Auto/manual
Electronic shutter	Auto/manual
Backlight compensation	On/off
Wide dynamic	Off/dynamic grade adjustment
Video regulation	Brightness, hue, saturation, contrast ratio, sharpness, Gamma
Signal to noise ratio	>55dB

Panoramic lens	
Image sensor	1/2.8inch high quality CMOS sensor
Effective pixels	2,100,000
Lens	Manual focus
Output port	Network port, HDMI, USB
Field angle (D/H/V)	112°/82°/57.6°

Input/output port and support protocol	
Video port	HDMI
Network port	100M internet access (10/100BASE-TX) 5GWiFi(optional), support network VISCA control protocol
Network protocol	RTSP, RTMP, ONVIF, GB/T28181

Compression image code stream	Dual stream output
Video compression format	H.265, H.264
Control signal port	RS-232/485
Control protocol	VISCA/Pelco-D/Pelco-P; Baud rate: 115,200/9,600/4,800/2,400bps
Audio input port	Dual track 3.5mm linear input
Audio compression format	AAC, MP3, PCM
Power port	HEC3800 power socket (DC12V)

Holder parameters	
Horizontal rotation	-170°~+170°
Vertical rotation	-30°~+90°
Horizontal control speed	0.1 ~100°/s
Vertical control speed	0.1~45°/s
Preset speed	Horizontal: 100°/s, vertical:45°/s
Preset quantity	User can set 255 presets at most (10 pcs of mobile control)

Other parameters	
Power adapter	Input AC110V-AC220V output DC12V/2.5A
Input voltage	DC12V±10%
Input current	1.5A (maximum)
Power consumption	18W (maximum)
Storage temperature	-10°C~+60°C
Storage humidity	20%~95%
Operating temperature	-10°C~+50°C
Operating humidity	20%~80%
Dimension (WxHxD)	254mm X 144mm X 174mm
Weight (approx.)	1.50kg
Operating environment	Indoor
Remote maintenance (network port)	Remote upgrade, restart and reset