

VERTEX

AUTO TRACKING FULL HD ROBOTIC PTZ CAMERA



Full HD Image | Advanced Tracking Algorithms | Strong Anti-Interference | Smooth Tracking | Video Image Auto Adaptation | Strong Environmental | Ultra Wide Dynamic Exposure | Multiple Optical Zoom Lens | Leading Auto Focus Technology | Multiple Output Interfaces | Multiple Compression Standard | Multiple Protocol Support | Noise-Free PTZ | Multiple Presets Multiple RCP Support

Applications

- Television Broadcast
- Lecture Capture/Digital Education
- Webcasting
- Video Conferencing
- House of Worship
- Tele-Medicine/Hospitals
- Court Rooms
- Auditoriums
- Conference Rooms
- Legislative Assemblies



FALCON CAM

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Model: FALCON CAM

Auto Tracking Camera Technical Specification

Optical Zoom:	12X f=3.9~46.8mm	20X f=5.5—110mm
View Angle:	6.3" (tele) ~72.5° (wide)	3.3° (tele) —54.7° (wide)
iris:	F1.8 ~ F2.4	F1.6 — F3.5

Sensor:	1/2.8 inch high quality CMOS sensor
Effective Pixels:	2.07 MP, 16: 9
Video Signals:	SDI/HDMI video format: 1080P60/50/30/25/59.94/29.97, 1080I60/50/59.94, 720P60/50/30/25 /59.94/29.97
Minimum Illumination:	0.SLux (F1.8, AGC ON)
Digital Noise Reduction/ zoom:	2D & 3D digital noise reduction, X10
White Balance:	Manual/Auto/One Push/ 3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Iris/Electronic Shutter:	Auto/Manual
Focus:	Auto/Manuaf/One Push
BLC:	ON/OFF
WDR:	OFF/Dynamic Range adjustment
Video Adjustment:	Brightness, Color, Saturation, Contrast, Sharpness, Gamma curve
SNR:	>55dB

Input/Output Interface and Protocols

Video interface:	SDI Model: SDI/HDMI, LAN HDMI-U3 Model: HDMI, USB3.0, LAN
Network Interface:	100M Lan(10/100BASE-TX), SGWiFi(optional), Support VISCA protocol control through IP port
Network Protocol:	RTSP, RTMP, ONVIF, GB/T28181
Video Compress Format:	H.265, H.264, Dual stream output
Control Signal Interface:	RS-232(in)
Control Protocol:	VISCA/Pelco-D/Pelco-P, Baud Rate: 115200/9600/4800/2400
Audio Input Interface:	Dual audio channel 3.5mm linear input
Audio Compress Format:	AAC, MP3, G.711A
Power Interface:	HEC3800power jacket(DC12V)

Pan Tilt Parameters:

Pan Rotation:	~170°—+170°
Tilt Rotation:	-3Q°—+90°
Pan Control Speed:	0.1 —100%
Tilt Control Speed:	0.1—45%
Preset Speed:	Pan;100%, Tift:45%
Preset Number:	255 presets (remoter 10 presets)
Power Adapter:	Input AC110V-AC220V, output DC12V/2.5A
Dimension(WxHxD):	253.9mmX179mmX144.7mm
Weight(appr.):	1.50kg
Remote Maintenance (LAN):	Remote Update, Remote Reboot, Remote Reset

Panoramic Camera:

Sensor:	1/2.8 inch high quality HD CMOS sensor
Effective Pixels:	2.07 MP
Lens:	Manual Focus
Output interface:	SDI interface:SDI.LAN
View Angle(D/H/V):	HDMI-U3 interface:HDMI.LAN.U3 4mm view Angle {D/H/V}:89.6°71°52.2° 6mm view Angle (D/H/V):67.0°59o32.5° 2.8mm View Angle(D/H/V):125o100o75°

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