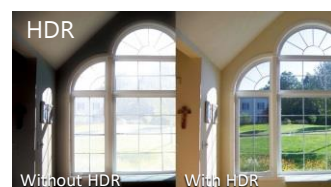


- ▲ All systems (P/T/Z/IP) are remote upgradable
- ▲ Servo Feedback
- ▲ 4K HDR Real-time streaming
- ▲ Electronic Image Stabilizer (EIS)
- ▲ H.265/H.264/MJPEG simultaneous streaming
- ▲ 22x Zoom Lens available
- ▲ Dual power support (802.3bt/AC24V)
- ▲ IR LED built in



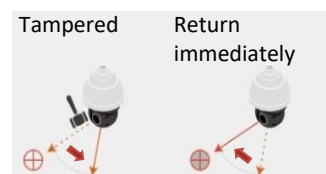
4K HDR

831-T2 IR PTZ utilizes advanced image processing technology, offering crisp 4K, high quality HDR real-time video. Its HDR capability captures more image detail under challenging light conditions, such as shopping center entrances and airport terminals.



Servo Feedback

831-T2 IR PTZ features Servo Feedback technology. When encountering external force, such as vandalism, or environmental vibration, the PTZ can immediately return to its original position.



Features

- Sony Progressive Scan CMOS Sensor support up to 8M Resolution
- 22x Optical Zoom
- Multi Exposure HDR
- Electrical Image Stabilizer (EIS) Support
- Multi Codec support (H.265/H.264/MJPEG)
- Low Latency Streaming
- Quad Streams support
- IR LED (working distance up to 100m)
- 3D Motion Compensated Noise Reduction (MCTF)
- Text Overlay and Privacy Masks
- Micro SD/SDHC/SDXC Card support
- Smart Event function - External Input/Motion Detection/Network Failure Detection/Periodical Event/Manual Trigger/Audio Detection
- ONVIF Profile S/G/T/M support
- Smart Low Bitrate control
- Weatherproof (IP66)
- Servo Feedback - Guarantees no Drifting

Custom Specification (Default)

Sony 4K		
Image Sensor	Sony 4K 1/1.8" Progressive CMOS	
Effective Pixels	HxV = 3864x2180 (4K)	
Pixel Size	2.0 μm	
Frame Rate (Maximum)	H.265	HDR 4K @30fps + d1 @30fps HDR 6M@30fps + 720p @30fps
	H.264	HDR 4K @30fps + d1 @30fps HDR 6M@30fps + 720p @30fps
	MJPEG	1080p @30fps
Lens : Default		
Minimum Illumination	Color B/W	0.04 lux 0.002 lux
Lens	Type	22x Zoom Lens, P-Iris, Auto-Iris, F1.5
	Focal Length	6.4-138.5 mm
	Horizontal FOV	62.6° (wide), 3.2° (tele)
	Vertical FOV	36.7° (wide), 1.9° (tele)

Common Specification

Camera		
Day and Night	Automatically removable IR-cut filter	
Shutter Time	1~1/10K sec.	
HDR	Yes	
EIS	Yes	
Zoom	Optical zoom, digital zoom ready	
Image Settings	Color, Brightness, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay	
Corridor Mode	90°, 180°, 270° rotation	
Pan/Tilt		
Pan/Tilt Range	Pan : 0~360° endless	Tilt : -20~100°
Manual Speed	Pan : 0.1~90°/s	Tilt : 0.1~55°/s
Preset Speed	Pan : 300°/s	Tilt : 300°/s
Preset	256	
PTZ Mode	8 Sequence, 8 cruise, 4 auto pan	
Video Codec		
Compression	H.265/H.264/MJPEG	
Streaming	Up to 4 individually configurable streams in H.265/H.264/MJPEG Configurable resolution/frame rate/bandwidth LBR/VBR/CBR in H.265/H.264	
Audio Codec		
Compression	G.711/G.726/AAC/LPCM	
Streaming	2 way	
Audio Input	Line in	
Audio Output	Line out	
Network		
Interface	1Gbps Ethernet	
Security	User Authentication/HTTPS/IP Filter/IEEE 802.1x	
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS	
ONVIF	Profile S/G/T/M conformant	

System Integration		
Analytics	Motion Detection/Audio detection	
Event Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger	
Event Actions	External output Activation Video and audio recording to edge storage File Upload : FTP, network share and email Notification : HTTP, FTP, email	
General		
Casing	Metal and Plastic	
Power	802.3bt, max 42.9 watt AC24V, max 52.8 watt, max 73.70 VA	
Connectors	RJ45	
	Alarm in x4, Alarm out x2, Terminal Block	
	AC24V Terminal Block	
	Audio in Terminal Block Audio out Terminal Block	
IR Illumination	Illumination distance: 100m	
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to NAS	
Operating Conditions	-40°C~50°C with heater 10%~90%, No Condensation	
Storage Conditions	-20°C~70°C	
Approvals	EMC Safety Environment	CE/FCC LVD IP66
	Dimensions	Ø207x300 mm with Sunshield
Weight	3.8 kg	

*optional