SensorTec
Canada

ST-P80BIR

4K H.265 Motorized Pro Bullet Network Camera

Features

- Smart Stream (Bandwidth, storage and bit rate saved with smart stream on, eg.H265+ save 70% ~ 80% foggy weather.)
- Integrated cable management (combining the power interface, POE port, and other interface in the base neatly.)
- 128G (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 128G)
- 30 fps@4K (Providing 4K HD resolution with frame rate of 30fps, the camera performs well in catching de tailed image regardless of the moving speed.)
- ONVF Profile S&G

Video Content Analysis

Sensortec VCA with 8 detection modes provides advanced, accurate smart video analysis for sensortec net-work cameras, function and quicker response to different monitoring scenes.

120dB Super WDR

Sensortec's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 120dB.

P-Iris

By adjusting the most suitable aperture position, to fully use the best part of the lens, P-iris can control iris more precisely, offering no diffraction under strong light to give you a more clear scene with depth of view.

TECHNICAL SPECIFICATION	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
WDR	Super WDR up to 120dB
Lens	Motorized 4~12mm @F1.4 P-Iris
Mount	Φ14
Field of View	H84°~H38°/D95°~D43°/V49°~V21°
Shutter Time	1/100000s~1s
IR Distance	Up to 60m
Day&Night	ICR Filter Auto Switch
Network	
Ethernet	1*RJ45 10M/100M/1000M Ethernet Port
Network Storage	NAS(Support NFS, SMB/CIFS)
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone
Video	
Max. Image Resolution	3840×2160
Primary Stream	30fps@(3840x2160, 3072x2048, 2560x1920, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192)
Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192)
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)
Image Setting	Brightness/Contrast/Saturation/Sharpness
Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-fog, White Balance, EIS, IP Address Filtering
Video Analysis (Optional)	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed

Audio	
Audio Compression	G.711/AAC
Audio I/O	43101
SIP/VoIP Support	Yes, Voice & Video-over-IP
Mechanical	
Alarm I/O	1/1
Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 128G
General	
Working Temperature	-30°C~60°C
Working Humidity	0~90%(Non-condensing)
Power Supply	PoE (802.3af)/ DC 12V±10%
Power Consumption	5W MAX 9W MAX (With IR on)
Weather Proof	Up to IP67-rated for Weather-resistant Performance
Housing	Vandal-proof IK10-rated Metal Housing
Weight	1080g
Dimensions	134mmX126mmX285mm