



Extreme Less Latency

Extreme less network latency provides highly efficiency monitoring environments without system delay.



Multiple Profile Streaming

"Bryan" cameras support H.265/264/MJPEG Triple codec and multiple streaming capabilities.

Users can select the relevant codec to suit their individual requirement, such as, real-time monitoring, high-quality or high-efficiency recording, mobile monitoring and E-mail notification.



WDR(Wide Dynamic Range)

WDR is a powerful and ultra-advanced technology that captures cleaner and superior high resolution pictures, even where images appear dark because there is a strong back light present.



Video Analytics

Video Analytics on the "Bryan" cameras includes: Motion Detection, which detects when a change has occurred in predefined areas in the field of view, Trip zone /Enter/Exit functions, which detect if a breach has occurred in a predefined area and Tampering detection that automatically alarms when a camera is disrupted.



ISO 9001 ISO 14001 RoHS

BR-PT80Z2M

5"Outdoor Medium IP Network Speed PTZ Full HD Camera



Features

- H.264 Compression
- Up to 1920x1080@30fps
- Mechanical WDR 140dB
- Smart IR, IR Range: 80m
- Optical Zoom: 22x,
- Speed Max 400°/s, -16~90° Tilt Angle
- NIR, WDR, 3D DNR, HLC, Dual-ICR, AWB, AGC, BLC
- Detection/Video Abnormal Detection"
- IP66
- 360° Endless

General

Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian Polish, French, Traditional Chinese, Simplified Chinese
Operating Conditions	Indoor: 0°~ +40° Outdoor: -40°~ +60°
Power Supply	DC12V, POE+
Power Consumption	12.05W(IR OFF)/21.18W(IR ON)
Lightning Protection	Transient voltage 6000V
Impact Protection	IP66
Wiper	N/A
IR LEDs	6 42x6PCS
Dimensions	29.5x28x17(cm)

Specifications

ITEM	BR-PT80Z2M
Image Sensor	1/2.9" SONY Low Illumination 2.1MP CMOS Sensor
Effective Pixels	1920(H)x1080(V)
Signal System	PAL/NTSC
	Color: 0.002 Lux @(F1.5,AGC ON)
Minimum Illumination	B/W:0.001Lux @(F1.5,AGC ON) 0 Lux with IR
White Balance	Auto/ ATW/ Manual
AGC	Auto/ Manual
S/N Ratio	≥ 50dB
BLC	Y
HLC	Y
Smart Defog	Y
WDR	140dB
DNR	3D
Exposure Mode	Auto/ Manual/ Iris First/ Shutter First
Shutter Time	1s-1/100000s
Day& Night	Dual-ICR
Optical Zoom	22x
Digital Zoom	Y
Privacy Masking	24 Dynamic Privacy Masks Programmable; Optional Multiple Colors
OSD	Letters, Week, Date, Time, Total 5 Regions
Lens	
Focal Length	3.9mm~85.5mm
Zoom Speed	Approx. <4s(Optical Wide-Tele)
Angle of View	55.8°(w)-3.2°(t)
Min. Working Distance	1-1.5m(Wide-Tele)
Aperture Range	F1.5-F3.0
Pan & Tilt	
Pan Range	360° Endless
Pan Speed	Pan Manual Speed: 0.1° -240°/s Pan Preset Speed: 240°/s
Preset Accuracy	±0.2°
Tilt Range	-16°-90° (Auto Flip)
Tilt Speed	Tilt Manual Speed: 0.1°-240°/s Tilt Preset Speed: 240°/s
Proportional Zoom	Rotation Speed Can Be Adjusted Automatically According to Zoom Multiples
3D Position	Y
Number of Preset	220
Scan	3
Cruise	8, up to 32 Presets per Cruise
Pattern	8, Each One With 600s Memory or 300 Orders
Power Loss Recovery	Y
Guard Action	Preset/ Cruise/ Pattern/ Scan
PTZ Position Display	Y
Freeze Frame	Y
Infrared	
IR Distance	80m
IR Angle	Adjustable by Zoom
Interface	
Audio Input	/
Audio Output	/
Ethernet	1-ch RJ45 10M/ 100M
Alarm Input	Optional
Alarm Output	Optional
On-board Storage	Optional
BNC Output & RS485	N/A
Extension	N/A
Network	
Max.Image Resolution	1920x1080
Main Stream	1920x1080@25/30fps; 1280x960@25/30fps; 1280x720@25/30fps;1280x720@50/60fps 704x576@25/30fps;704x480@50/60fps
Sub Stream	704x576@25fps/704x480@30fps 352x288@25fps/352x240@30fps 176x144@25fps/176x120@30fps
Third Stream	352x288@25fps/352x240@30fps
Image Compression	H.264H/H.264M/H.264B/MJPEG
Audio Compression	/
Protocols	IPv4/IPv6/HTTP/802.1x/FTP/SMTp/UPnP/SNMP DNS/DDNS/NTP/RTSP/TCP/UDP/DHCP/PPPoE
Web Browser	IE8/Firefox24 or above
System Compatibility	ONVIF (Profile S), SDK, CGI

Dimension (unit:mm)

Weight

4.2Kg

