



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 CE FC UL

BR-PT120Z5M

5.5"Outdoor Medium IP Network Speed PTZ 5MP Camera



Features

- H.264/H.265 Compression
- Up to 2592×1944@30fps
- Mechanical WDR 140dB
- Smart IR, IR Range: 120m
- 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

Specifications

| ITEM | BR-PT120Z5M |
|-------------------------------|---|
| Image Sensor | 1/2.7" OV Low Illumination 5MP CMOS Sensor |
| Effective Pixels | 5MP 2592×1944@30fps |
| Signal System | PAL/NTSC Color: 0.002 Lux @(F1.5,AGC ON) B/W:0.001Lux @(F1.5,AGC ON) 0 Lux with IR |
| Minimum Illumination | |
| 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 | 8 |
| 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 | 120m |
| IR Angle | Adjustable by Zoom |
| Network | |
| Max. Image Resolution | 2592×1944 2592×1944@15/20fps ; 2560×1440@25/30fps ; 2048×1536@25/30fps ; 1920×1080@25/30fps |
| Main Stream | |
| Sub Stream | 704×576@25fps/704×480@30fps 352×288@25fps/352×240@30fps 176×144@25fps/176×120@30fps |
| Third Stream | 352×288@25fps/352×240@30fps |
| Image Compression | H.265/H.264H/H.264M/H.264B/MJPEG |
| Audio Compression | / |
| Protocols | IPV4/IPV6/HTTP/802.1x/FTP/SNMP/UPnP/SNMP DNS/DDNS/NTTP/RTSP/TCP/UDP/DHCP/PPPoE |
| Web Browser | IE8/Firefox24 or above |
| System Compatibility | ONVIF (Profile S), SDK, CGI |
| 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 |

| 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 3000V |
| Impact Protection | IP66 |
| Wiper | N/A |
| IR LEDs | ¢ 42x8PCS |
| Dimensions | 26.5x26.5x42(cm) |

Dimension (unit:mm)

Weight

9.7Kgs

