

BTDPVM450/5.0IP/SPD30X

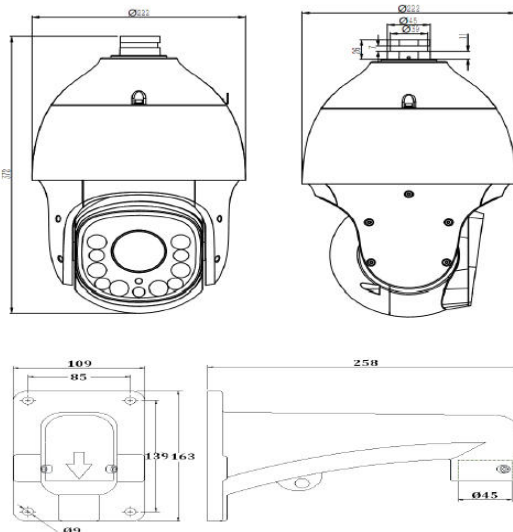
5MP H.265 30X Starlight IR PTZ CAMERA



Features

- 1/2.8" CMOS Sensor
- Resolution: Up to 5MP@20fps
- H.265 Video Compression
- 4.7 - 141mm Lens, 30X Optical Zoom, 16X Digital Zoom
- Smart IR, IR Distance upto 450 mtr
- Starlight Ultra Low Light 0.002lux
- Triple Stream
- Speed Max 400°/s, -16~90° Tilt Angle
- Mechanical WDR 140dB, 3DDNR, HLC, BLC, Smart Defog, ROI, Privacy Mask
- Audio in/out 1(Built-in Mic)/1,Alarm in/out 1/1
- MicroSD Card Slot supports up to 128GB, Reset Button
- **Analytics:** Tripwire / Double Tripwire / Perimeter / Object Abandon / Object Lost / Running / Loitering / Parking / Crowd / Audio Abnormal Detection / Video Abnormal Detection
- **Alarm:** Harsh Voice Alarm, Motion Detection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection
- 6000V Lightning/Surge Protection
- IP66, Metal

Dimensions



Camera	
Image Sensor	1/2.8" 5MP CMOS
Effective Pixels	5MP (2592x1944)
Signal System	PAL/NTSC
Minimum Illumination	Color: 0.002 Lux @(F1.6, 50IRE, ICR off); Black&White:0.001Lux @(F1.6,ICR on); 0 Lux with IR on
White Balance	Auto/ ATW/ Manual
AGC	Auto/ Manual
S/N Ratio	≥ 55dB
BLC	Y
HLC	Y
Smart Defog	Y
WDR	140dB
Digital Noise Reduction	3D DNR
Exposure Mode	Auto/ Manual/ Iris First/ Shutter First
Shutter Time	1/1s-1/100000s
Day& Night	Dual-ICR
Optical Zoom	30 X
Digital Zoom	16 X
Privacy Masking	24 Dynamic Privacy Masks; Optional Multiple Colors
Auto Focus	Auto/ Semi-automatic/ Manual
OSD	16x16,32x32,24x24,48x48,64x64,96x96 Character Size Time/Date/Week/Character Superposition in 5 Regions PTZ Angle Superposition
S/N Ratio	>60dB
Lens	
Focal Length	4.7-141mm, 30x
Zoom Speed	Approx.5s(Optical Wide-Tele)
Angle of View	69.5°(w)~2.7°(t)
Minimum Working Distance	1-1.5m(Wide-Tele)
Aperture Range	F1.5-F4.0
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	500
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
RS-485 Protocols	PTZ_PELCO_D, PTZ_PELCO_P, PTZ_TC615_P, DOME_PELCO_D, DOME_PELCO_P, DOME_PLUS
Infrared	
IR Irradiation Distance	450m
IR Irradiation Angle	Adjustable by Zoom
Interface	
Audio Input	1-ch Mic in(Line in Interface) Line Input 2-2.4V[p-p]; Output Impedance 1KΩ, ±10%
Audio Output	1-ch, Line level, Impedance: 600Ω
Communication Interface	1-ch RJ45 10M/ 100M Ethernet Interface
Alarm Input	1-ch
Alarm Output	1-ch
On-board Storage	MicroSD Card Slot, up to 128GB
Network	
Ethernet	10Base-T/100Base-TX RJ45 Connector
Main Stream	2592x1944@18fps; 2560x1920@20fps; 2592x1520@25fps; 2560x1440@25fps; 2048x1536@25/30fps; 1920x1080@25/30fps; 1280x960@25/30fps; 1280x720@25/30fps
Sub Stream	704x576@25/30fps; 640x360@25/30fps; 704x288@25/30fps; 352x288@25/30fps
Third Stream	704x576@25/30fps; 640x480@25/30fps; 352x288@25/30fps
Image Compression	S+265/H.265/H.264, Encoding with Baseline/Main/High Profile
ROI Encoding	7 Dynamic Areas for Both Main and Sub Stream
Audio Compression	G711A/G711U/ADPCM/AAC
Protocols	IPv4/IPv6/ HTTP/ HTTPS/ 802.1x/ Qos/ FTP/ SMTP/ UPnP/ SNMP/ DNS/ DDNS/ NTP/ RTSP/ RTP/ TCP/ UDP/ IGMP/ ICMP/ DHCP/ PPPoE
Remote Connection	10 Users Access at the Same Time
User Permission	Up to 32 Users, 4 Levels
Security Measures	User Authentication (ID and PW), Host Authentication (MAC Address), IP Address Filtering
Web Browser	IE8, IE9, IE10, IE11, Firefox24
System Compatibility	ONVIF (Profile S), SDK
Advance	
Video Analytics	Tripwire / Double Tripwire / Perimeter / Object Abandon / Object Lost / Running / Loitering / Parking / Audio Abnormal Detection / Video Abnormal Detection
Intelligent Alarm	Harsh Voice Alarm / Motion Detection / Mask Alarm / Port Alarm / Network Disable Alarm / IP Conflict / MAC Conflict Detection
General	
Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian, Polish, French, Traditional Chinese, Simplified Chinese
Operating Conditions	-40°C 70°C, 0~95% RHG
Power Supply	AC24V 3A
Power Consumption	38.6W MAX
Circuit Protection	6000V Lightning/ Surge 4000V Protection
Impact Protection	IP66
IR LEDs	10pcs
Dimensions	372mm x 222mm x 222mm
Weight	4.8KG (IP PTZ Only), 7.5KG (with Packing Box)

Product Specifications are subject to change without prior notice. The images shown are only indicative, actual product may vary. Product features are tested under ideal conditions.