TRUEN



TN-B230N17

- Sony Exmor 1/2.8” CMOS
- H.265 / H.264 / MJPEG
- Max 60FPS @ 1920 x 1080
- X30 Optical Zoom
- X12 Digital Zoom
- SRT (Secure Reliable Transport)
- RTSP/RTMP/MPEG-TS
- ONVIF (Profile S, Profile G)
- True WDR
- Hybrid CBR
- Dual Power (DC/PoE)



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TN-B230N17 Specifications

Basic Specifications	
Image Sensor	1/2.8 Sony CMOS Sensor
Lens type	AF, Auto Iris
Lens mount	Board type
Lens (wide to tele)	30x optical zoom ; f= 5.2 mm to 156mm
Shutter Speed	1/1 to 1/100,000
Maximum Aperture Ratio	F1.3 ~ F4.8
Angle of View	Horizontal : 58.1°(wide) ~ 2.14°(tele) / Vertical : 34.7°(wide) ~ °1.6(tele) / Diagonal : 67.1°(wide) ~ °2.78(tele)
Privacy masking	8 regions
Flip mode	Horizontal, Vertical
Image enhancement	AE, AWB,TDN, DNR, BLC, WDR, DSS, DIS, Defog, Color Enhancement
IR LED	N/A

Video	
Compression	H.265/H.264/MJPEG
Frame rate	Max 60fps @ 1920x1080
Bitrate	Primary : 32Kbps ~ 16Mbps, Secondary : 32Kbps ~ 4Mbps
Resolution	320x240 ~ 1920x1080
Streaming	Primary : H.265/H.264, Secondary x 3 : H.265/H.264/MJPEG
Bitrate Control	CBR / VBR / Hybrid / Adaptive CBR / Smart CBR
Burn-in OSD	Multi-lingual
Output	Composite

Audio	
Compression	G.711 / AAC(Option)
Sampling rate	G.711 : 8 KHz, AAC(Option): 32 kHz / 44.1 kHz / 48 kHz
Bitrate	G.711 : 64Kbps, AAC(Option): 64Kbps/128Kbps
Streaming	G.711 : Full-duplex, AAC(Option): Full-duplex
Input/Output	1 x Line-In (mono), 1 x Line-Out (mono)

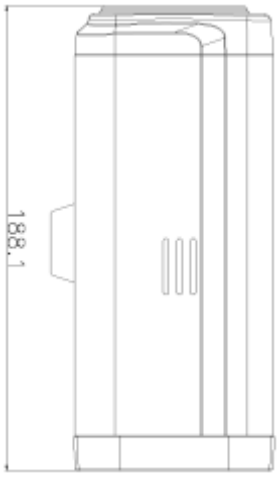
Network	
Protocol	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero Configuration, NTP, SRT, MPEG-TS, RTP, RTSP, RTMP, DDNS
Security	Password protection, IP address filtering, HTTPS encryption, SRT
API	Truen protocol/SDK, ONVIF, PSIA, MPEG-TS
Interface	Ethernet 10/100 (RJ-45)

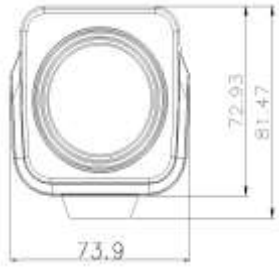
Event / Alarm	
Event sources	Motion, Sensor input, Client disconnection
Event actions	Notification(E-mail), FTP, PTZ preset, Alarm control, Recording
External devices	1 x Sensor-In (dry contact, NO/NC) 1 x Alarm-Out (dry contact, NO) 1 x RS-485 port : PTZ control etc.

General	
Power Supply	Min DC12V/1.5A, PoE(Power over Ethernet) : 802.3af
Power Consumption	DC12V/PoE : Max DC12V/5.4W
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	20% ~ 80% RH
Storage Humidity	20% ~ 80% RH
Edge Storage	SD/SDHC/SDXC slot (Max 512B)
Dimensions (W x H x D)	79.0mm X 79.0mm X 227.0mm
Weight	863.6g

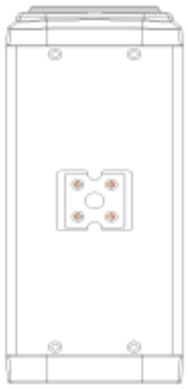
DIMENSION

(mm)









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