

CCTV IP / Professional IP cameras

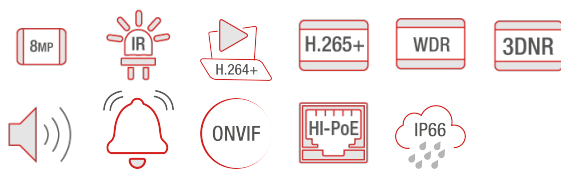
SF-IPSD5032ITA-8I1

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Ultra Low Light Speed Dome

Optimal definition and highest quality with resolution up to 4K. Optical zoom up to 45X for unparalleled detail in recordings, unaffected by scene conditions, as Ultra Low Light technology and 120dB wide dynamic range ensure the best possible view. Automatic detection and tracking (Available on models with Auto-Tracking function only) technology, keeping the target under control at all times.

- IP PTZ gamma camera I1 Artificial Intelligence
- Resolution 8 Megapixel (3840x2160)
- Optical zoom 32X | IR 200m
- Autotracking, human and vehicle | Alarms
- Waterproofing IP66 | HiPoE (IEEE802.3bt)



Technical Specification

Camera Module	
Image Sensor	1/2.8" SONY latest progressive scan CMOS
Mini. Illumination	Color: 0.01Lux @ (F1.2, AGC ON) ; 0.002Lux @ (F1.2, AGC ON); 0Lux with IR
Image Setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client
Shutter Speed	50Hz: 1/25 s ~ 1/25,000s; 60Hz: 1/30s-1/30,000s
White Balance	Auto/Manual/Indoor/Outdoor
Gain control	Auto/Manual
Day & Night control	Auto/Manual , time schedule
Iris control	Auto/Manual
SNR	≥52dB
3D DNR	Auto/Manual
AE Enhancement	BLC, HLC, WDR
Privacy Mask	4areas, up to 8areas per request.
Picture overlay	Logo picture could be overlaid on video with 128x128pixels, 24bits BMP format
OSD overlay	max 15 characters/line, 8 lines, white or red font color
Lens	
Focus Length	f=4.8-154mm lens, 32x optical zoom
Zoom Speed	Approx. 4.6s (optical zoom, wide-tele)
Field of View	Horizontal: 61.3° ~ 2.18° ; Vertical: 36.9° ~ 1.22° ; Diagonal: 68.4° ~ 2.5° (wide-tele) ±5%
Working distance	wide: 1.0m ~ INF; tele: 1.5m ~ INF
Iris	F1.2 ~ F4.4 (wide-tele)
IRCut type	Removable IRCut filter
DORI distance	Class Detect(25px/m) Observe(63px/m) Recognize(125px/m) Identify(250px/m) f=4.8mm 138m(453.5f.t.) 54.76m(179.66f.t.) 27.7m(90.7 f.t.) 13.8m(45.35f.t.) f=154mm 3528m(11575 f.t.) 1400m(4593 f.t.) 700m(2296f.t.) 350m(1148f.t.)
PTZ	
Pan Range	360°endless
Pan Speed	Configurable, from 0.5~120°/s; Preset speed: 150°/s
Tilt Range	From -5° to 90°, auto flip
Tilt Speed	Configurable, from 0.5~ 120°/s, Preset speed: 150°/s
Proportional Zoom	Yes

Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Trace	4 traces, record time over 3 minutes for each trace
Power-off Memory	Support
Action Mode	Preset/Cruise/Trace/Auto Scan/Random Scan
3D Positioning	Support
PTZ Position Display	Support
Schedule Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot

IR

IR Distance	200m (656 f.t.) ,dual stack 850nm IR Array
Smart IR	Yes

Network

Max Resolution	3840x2160
Main Stream	50Hz: 25fps: 3840× 2160,2560× 1440,1920× 1080,1280× 960,1280× 720, 60Hz: 30fps:3840× 2160,2560× 1440,1920× 1080,1280× 960,1280× 720
Sub Stream	50Hz: 25fps: (704 × 576, 640 × 480, 352 × 288); 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz:25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz:30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
H.264 Encoder	H.264/AVC codec BP/MP/HP, Level 5.1
H.265 Encoder	H.265/HEVC codec MP, level 5.0
Video Bit rate	64 Kbps to 16Mbps
Audio Compression	G.711 A/U
Audio Bit rate	64K bps
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE
User / Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering

Smart Features

Basic Event	Motion detection, Video tampering alarm, Exception(Network disconnected, IP address conflict, SD full, SD error)
Face Recognize	Detecting max 15 faces at same scene. Detecting, tracking, capturing
Road Traffic	Vehicle detecting and tracking

Smart Detection	Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exitance detection, etc. More VCA per request
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Smart Tracking	smart tracking of human or vehicle, auto/manual
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System Integration

Alarm interface	1 Alarm input(Dry contact); 1 Alarm output
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Audio Interface	1 audio input(MIC in); 1 audio output, line level, impedance,600Ω
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Alarm Linkage	Alarm actions, such as Preset, Cruise, Trace, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc.
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Network Interface	1 RJ45 10M/100M Adaptive Ethernet ,Support PoE++(802.3.bt)
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SD Card Slot	On-body MicroSD chamber, up to 256G
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RS 485	N/A
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BNC	N/A
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Speaker &Mic	N/A
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Reset button	Yes
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Heater	Yes
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Fan	Yes
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Water removal	Hot air blow to lens glass to remove frost, ice; Remove water-drops by quick spinning
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API	ONVIF, support TVT SDK and third-party management platform
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Client	TVT N9000 1.4.5, TVT NVMS 2.0; and the third-party client
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Web Browser	IE8-11
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General

Languages	Czech; English, German ; Hungarian ; Italian ; Japanese ; Korean ; Portuguese, Polish; Russian, Romanian, Spanish; Spanish(Mexico);Simplified Chinese; Turkish; Traditional Chinese.
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Power Supply	DC24V/AC 24V ±25%, PoE++ (802.3.Bt), max 34W include IR ON + PTZ working
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Working Condition	-40°C ~ 65°C (-40°F ~ 149°F);Cold start at - 30°C(0.5Hour warming up); ≤90%RH no-condensing
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Storage Condition	-40°C ~ 70°C ; ≤ 95% RH
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Protection	6000V Lightning Protection, Surge Protection and Voltage Transient Protection
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Shield Material	Main body: Aluminum Alloy; Decoration: Plastic
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Dimensions	196mm × 317mm (7.7 inch × 12.5 inch)
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Net Weight	Approx. 3.7 Kg (8.31 lb.)
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Certification	IP66,IK10(excluding glass window),ROHS,CE,FC
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