

30x IR IP Outdoor Speed Dome Camera

Model: TPS-516-IRH



Features

30x Optical Zoom; 12x Digital Zoom.

1080P @25/30fps; service analog video output

Vector Drive and Micro-Stepping Technology make more smooth rotation and accurate preset

Compound Movement make the speed dome reach preset in shortest route

Support ONVIF protocol(V2.4.1)/Profile S.

Multi-streaming for high-resolution and high-quality video monitoring and simultaneous recording in real time remotely

Support H.264 \H.265 and M-JPEG video compression

Two-way audio communication support for remote audio dialog

Video stream buffering to counter pre-post-event buffering and network delays for improved network recording reliability

Remote monitoring via web browser or remote software

Automatic web casting code(HTML)generation

Up to 10 simultaneous remote monitoring connections

IEEE802.1X,HTTP,HTTPS,SNMP,SSL and configurable user authority levels for greater

security

Easy network access via UPnP function and embedded Multicast DNS protocol

Wide Dynamic range compensation for improved video quality in high-contrast situations

Slow shutter support for improved low-lighting video capture performance

Day & Night (Built in IR cut filter)

Quick and easy firmware upgrade over network

Redundant firmware and auto recovery features for improved system stability

Network-based integrated management of multiple network cameras

Multiple event detection modes: Alarm-in, motion detection

Backup storage on a micro SD card as a safeguard against data loss during network interruptions

Support AC24V power supply

Service analog video out(Pal/NTSC)

Pan/Tilt control based on micro stepping motor technology

Power up action, Parking action, auto-flip

True Day & Night

WDR(Wide Dynamic Range)

DNR(Digital Noise Reduction)

DSS(Digital Slow Shutter) enhance sensitivity in night time

HLC(High Light Compensation)

Defog to clear dome cover by hot air

360° endless horizontal rotation

90° vertical movement, 180° vertical movement(auto flip on)

Max. 180°/sec. Preset speed

254 presets,

Auto focus, auto flip, power up action

Zoom proportional could be selected

Powerful park function

电动加热玻璃，防止有低温或雨天时，视窗玻璃起雾。

4 privacy zone could be programmed

IP66 (outdoor)

Adequate Protection against lightning strikes and power surges

Specification

Technical Parameters:

Camera

Image Sensor	1/2.8" SONY CMOS Sensor	
Camera	SONY FCB-CV7520A	
Effective Pixels	1920X1080	
Zoom	30x optical zoom	
Focal Length	f=4.3---129mm	
Angle of View(D,H,V)	Wide	63.7°
	Tele	2.3°
Minimum Illumination	Color:0.01Lux, BW:0.0015Lux, IR ON: 0Lux ; Color DSS:0.0013Lux, BW DSS:0.0008:Lux, IR ON: 0Lux	
Day & Night	Auto/Day/Night/	
Focus	Auto	
Iris	F=1.6(Wide)-4.7(Tele)	
Electronic shutter Speed	1/1---1/10000sec.	
AGC	Off/On	
White Balance	Auto, ATW, Indoor, Outdoor, One Push WB, Manual WB, Outdoor Auto, Sodium Vapor Lamp (Fix/Auto/Outdoor Auto)	
Mirror	None/Horizontal/Vertical/Horizontal & Vertical	
WDR	High/Low/Disable	
Privacy Zone	4 privacy zone could be programmable	

PTZ Functions

Pan/Tilt Range	Pan: 360 degrees endless, Tilt: 180 degrees
Speed	Max. 180 degrees/sec.
Preset	254
Other PTZ Functions	Auto Flip, Parking Action, Power up Action
Protocol	Pelco D/P

I/O

Video Out	Service analog Video Out
Audio In	1CH
Audio Out	1CH
报警输入	2CH
报警输出	2CH
RS485	Optional
Network Connection	RJ-45, 10/100 Mbps Ethernet
SD Card	Support 32G

Network

Codec Platform	High-performance TI Davinci DSP
Video Compression	H.264, H.265 M-JPEG
Video Codec	H.264 High Profile, Main profile, Baseline Profile , MJPEG
Audio Compression	G.711a/G.711u/Acc
Video Bitrate	CBR(200-8000kbps), VBR, LBR
Frame Rate	Max.1080p@30fps
Video Stream	Dual-stream: 1920x1080; 640x480(for remote recording)
Network Protocol	IPv4/IPv6, RTSP/RTP/RTCP, TCP/UDP, HTTP,HTTPS, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, SNMP V1/V2, IEEE802.1X, ONVIF2.4.1, ONVIF Profile S.
Alarm Trigger Event	Motion Detection, Alarm in, Schedule

General

Dome Dimension	Φ230mm*374.6Hmm
Net Weight	5KG(Only PTZ dome with wall/pendant mount)
Gross Weight	6.5KG(One Unit)
Working Temp.	-40 degrees to 65 degrees
Working Humidity	0% ~90% (Non-condensation)
Fan	Start temp.: 45 degrees and 0 degrees
Power Supply	AC24V
IR distance	120meter
Infrared mode	Auto/Manual/Semi-auto
Lamp layout	Array IR LEDS for 9.Near:3; Middle:3; Far:3.
Lamp power	Max3W
Brightness level	ON/OFF
Sensitivity	-10~10
Lamp current	2.5A
Power Consumption	AC24V: 30W Max.,
Waterproof Level	Outdoor: IP66
Protection grade	TVS 4000V protection, anti surge protection in accordance with GB/T 17626.5.4 standard

Dimension

