

DI-TVD35ST50F-i30TSMPUR



Smart Functions

- Line Crossing
- Area Intrusion
- Region Entrance
- Region Exiting
- Face Detection
- Loitering Detection
- Smoke and Flame Detection

YEARS
GOLD
GUARANTEE

- 5 years unconditional Gold Warranty by DFS

- 6 years warranty on image quality stability

Other advantages



Optical Module	
Image Sensor	5MP Progressive scan Cmos Sensor (1/2.7")
CPU	Dual-Core ARM Cortex
Resolution	2880*1620 (5MP)
Available IR Range	30~40 m Smart IR SMD Technology 30 m Warm Light Technology Dual Light Technology
D/N Filter	IR Cut Filter With Auto Switch
Min illumination	Color: 0.005 lux(AGC on) - B/W: 0.0 Lux(IR on)
Night Vision	Dual Light Technology
Lens	
Lens Type	Fixed
Focal Length	4 mm @F1.6
Angle of View	H-FOV: 91.5°, V-FOV: 46.1°, D-FOV: 132°
DORI Distance	
DORI	Detect: 56m Observe: 22m Recognize: 11m Identify: 5.6m
Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Detector
Resolution	256*192
Pixel Pitch	12μm
Spectral Range	8~14μm
NETD	≤50mK@25°C, F#1.0
Focal Length	3.2mm
IFOV	1.69mrad
Field of View	24.8°×18.7°(H×V)
Aperture	F1.1
Effective Length (Thermal)	
Human(1.8m × 0.5m)	Day Mode: 20 ~ 25 m (Corridor Mode: 15 ~ 20 m) Night Mode: 15 ~ 20 m (Corridor Mode: 10 m)
Vehicle(4.0m × 1.4m)	Day Mode: 40 ~ 50 m - Night Mode: 20 ~ 45 m"
Human(1.8m × 0.5m)	Detection: 194m, Recognition: 49m, Identification: 24m
Vehicle(4.0m × 1.4m)	Detection: 544m, Recognition: 136m, Identification: 68m
Safety Analytics (Target Size: 0.2m × 0.2m)	Fire Point Detection: 40m (Default) ~ 80m (Max Sensitivity) Smoking Detection: 6 m (Default) ~ 9 m (Max Sensitivity)
Picture Adjust (visible)	
Picture Function	120dB WDR, 2D/3D DNR, BLC, HLC, ROI, Rotate
Shutter Speed	Manual (1/3 ~ 1/100,000), Auto

Image Parameter Control	Off, On, Timing (Adjust 0 ~ 255)
D/N Control	Timing, Auto, Color on, Color off
S/N	> 56dB
Image Parameter	Saturation, Brightness, Contrast, Sharpness, Hue, Image Style, Anti Flicker
Picture Adjust (Thermal)	
Color Palettes	Up to 20 colors (White-hot, Black-hot, Rainbow, High Contrast Rainbow, Iron red, Lava, Sky, Medium Gray, Gray Red, Violet Orange, Ice Fire, Cyan Red, Special 1, Special 2, Gradient Red, Gradient Green, Gradient Blue, Warning Red, Warning Green, Warning Blue)
FFC Control	Manual
Video/Audio (Visible)	
Video Compression	H.264+(Ultra H.264), H.265+(Ultra H.265), MJPEG (Sub)
Audio Compression	G.711A, G.711U, ACC, PCM, G.726
Frame Rate(60Hz)	30fps@ 5MP(2880*1620), 30fps@ 4MP, 30fps@ 2MP@ 30fps
Transmission Stream	Triple Stream (Video Bit Rate: 11 Kbps~10 Mbps)
Video/Audio (Thermal)	
Main Stream	20fps (1280 × 720, 704 × 576, 640 × 512, 320 × 240)
Sub Stream	20fps (704 × 576, 640 × 512, 320 × 240)
Active Deterrence	
Red/Blue Light Warning	Flash: 5 s~30 s; frequency: high/medium/low
Sound Warning	Audio 1/: 25 s~30 s; 106 dB /3; Volume: high/medium/low
Network	
Protocols	TCP/IP(V4, V6), ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P
Compatibility	Onvif Ver2.6 (Profile S, G, T), SDK
Streaming Method	Unicast, Multicast
Web Viewer	IE, Edge, Firefox, Chrome
Smart Device	iOS, Android Phone & Tablet
Visible Function	
Recording	FTP, NVR, CMS, VMS, NAS, SD Card, ANR
Record Type	Manual, Motion Detection, Smart Detection, Schedule
Alarm Triggers	All Intelligent Function
Event Action	Email, PTZ, Snapshot, Recording, Buzzer, Pop up, Show Message, Smart Light
Event	Smart Motion Detection, Video Shelter
Intelligent Function	7 Smart Function Line Crossing Detection, Area Intrusion Detection, Region Entrance Detection, Region Exiting Detection, Loitering Detection, Face Detection, Smoke and Flame Detection