

DI-B55ST80A-i70TSMU



Smart Functions

- Line Crossing
- Area Intrusion
- Region Entrance
- Region Exiting
- Fast Moving
- Loitering Detection
- Blurred Detection
- Scene Change Detection
- Face Detection
- Audio Exception Detection

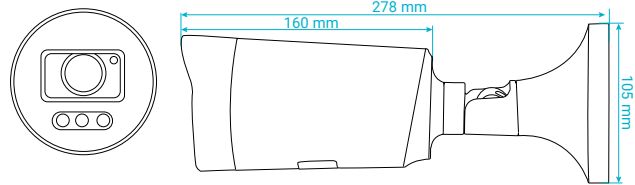
YEARS
GOLD
GUARANTEE



- 5 years unconditional Gold Warranty by DFS
- 6 years warranty on image quality stability

Other advantages

- Supports Micro-SD cards up to 512GB
- Waterproof and dustproof body with IP67 /IK10 rating
- Image transmission server located in Oman
- Supports H.264+ / H.265+
- Supports ONVIF version 2-6
- Smart night vision capability
- Features WDR, BLC, HLC, Defog, and ROI up to 8 areas
- Supports Emergency recording (ANR)
- Equipped with AI-based Intelligent Image Signal Processing (AI ISP)
- Supports 140dB Wide Dynamic Range capability



Camera	
Image Sensor	8MP (Sony-Japan) Progressive scan Cmos Sensor (1/2.8")
CPU	Dual-Core ARM Cortex (AI ISP)
Resolution	3840*2160 (8MP)
Available IR Range	70~80 m Smart IR SMD Technology 50 m Warm Light Technology Smart Light Technology
D/N Filter	IR cut filter with auto switch
Min illumination	Color: 0.0001 lux(AGC on) - B/W: 0.0 Lux(IR on) (Warm Light on)
Night Vision	Dual Light Technology
Lens	
Lens Type	Motorized Auto Focus
Focal Length	2.7~13.5 mm @F1.6
Angle of View	H-FOV: 112°~36°, V-FOV: 58°~20°, D-FOV: 129°~39°
DORI Distance	
DORI	Detect: 51~236m Observe: 20~94m Recognize: 10~47m Identify: 5.1~23m
Picture Adjust	
Picture Function	140dB WDR/DWDR, LPC, 2D/3D DNR, BLC, HLC, ROI, Defog
Image Stabilization	Yes (EIS)
Shutter Speed	Manual (1/3 ~ 1/100,000), Auto, Schedule, Custom
Image Parameter Control	Off, On, Timing (Adjust 0 ~ 255)
D/N Control	Timing, Auto, Color on, Color off, Sensivity, Filter Time
S/N	> 56dB
Image Parameter	Saturation, Brightness, Contrast, Sharpness, Hue, Image Style, Anti Flicker
Video / Audio	
Video Compression	H.264+(Ultra H.264), H.265+ (Ultra H.265), MJPEG
Audio Compression	G.711A, G.711U, ACC, PCM, G.726
Frame Rate(60Hz)	30fps@ 8MP(3840*2160), 30fps@ 6MP, 30fps@ 4MP, 90fps@ 2MP
Transmission Stream	Triple Stream (Video Bit Rate:11 Kbps~16 Mbps)
Network	
Protocols	TCP/IP(v4, v6), ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P, Bonjour, SNMP (v1, v2, v3), UDP, NAT, Multicast, RTMP
Compatibility	Onvif Ver2.6, Profile S, G, T, CGI, SDK, API

Streaming Method	Unicast, Multicast
Web Viewer	IE, Edge, Firefox, Chrome
Smart Device	IOS, Android Phone & Tablet
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	10 Smart Function Line Crossing, Area Intrusion, Region Entrance, Region Exiting, Fast Moving, Loitering Detection, Blurred Detection, Scene Change Detection, Face Detection, Audio Exception Detection
Interface	
Network	1 RJ45 (10M / 100M) Ethernet Port
External Audio	Audio Out, Audio in
Internal Audio	Internal Mic
Alarm	Alarm In, Alarm Out
CVBS	N/A
Power	PoE LAN, DC In
Reset Button	Yes (Optional)
Memory Slot	Yes - Micro SD/SDHC/SDXC Slot (512 Gb Max) (ANR Support)
General	
Protection Rating	IP67, IK10, 6KV Surge Protection
Power Supply	DC12V ± 10%
PoE Supply	IEEE802.3af - Max 13 Watt
Web Language	English, Persian
Dimension	278*105 mm
Weight	1.4 Kg
Operation Humidity	Humidity 95% or less (non-condensing)
Operation Temp	-30°C ~ +60°C
Guarantee	
Product Guarantee	5 Years Gold Guarantee
MTBF	100K hrs min. MIL-HDBK-217F (25°)
Certificates	EN, CN, FCC, CFR