

DI-B85ST40A-TCSM



Smart Functions

- Line Crossing
- Area Intrusion
- Region Entrance
- Region Exiting
- Scene Change Detection
- Face Detection

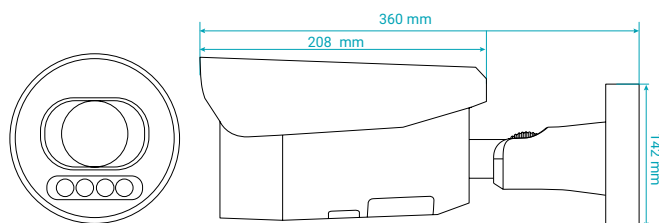
YEARS
GOLD
GUARANTEE

• 5 years unconditional Gold Warranty by DFS

• 6 years warranty on image quality stability

Other advantages

- Supports Micro-SD cards up to 256GB
- 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)
- Supports 130dB Wide Dynamic Range capability



Camera	
Image Sensor	4MP Full color(OmniVision-USA)Progressive scan Cmos Sensor(1/1.8")
CPU	Dual-Core ARM Cortex
Resolution	2688*1520 (4MP)
Available Warm Light Range	85~90 m, 4Pcs, Warm light LED Technology
D/N Filter	Color
Min illumination	Color: 0.0001 lux(Color) - 0.0 Lux(Warm Light On)
Night Vision	Full Color Technology
Lens	
Lens Type	Motorized Auto Focus
Focal Length	2.8~12.5 mm, @F1.0
Angle of View	H-FOV: 105°~ 56°, V-FOV: 54°~ 31°, D-FOV: 131°~ 65°
DORI Distance	
DORI	Detect:41~101m Observe: 16~40m Recognize: 8.2~20m Identify: 4.1~10m
Picture Adjust	
Picture Function	130 db WDR/DWDR, 2D/3D DNR, BLC, HLC, ROI, Defog
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
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@ 4MP(2688*1520), 30fps@ 2MP
Transmission Stream	Triple Stream (Video Bit Rate:11 Kbps~10 Mbps)
Network	
Protocols	TCP/IP(v4, v6), ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P, Bonjour, SNMP (v1, v2, v3), UDP, NAT, Multicast, RTMP
Compatibility	Onvif Ver2.6, Profile S, 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
Event	Smart Motion Detection, Video Shelter
Intelligent Function	6 Smart Function Line Crossing, Area Intrusion, Region Entrance, Region Exiting, Scene Change Detection, Face 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 (256 Gb Max) (ANR Support)
General	
Protection Rating	IP67, IK10, 6KV Surge Protection
Back Box	Yes
Power Supply	DC12V ± 10%
PoE Supply	IEEE802.3af - Max 13 Watt
Web Language	English, Persian
Dimension	360*142 mm
Weight	2.9 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