

## DI-B35ST60F-i40TSMU

## Smart Functions

- Line Crossing
- Area Intrusion
- Region Entrance
- Region Exiting
- Fast Moving
- Loitering Detection
- Blurred Detection
- Scene Change Detection
- Audio exception Detection
- Face Detection
- Smart People Counting
- Crowd Density Monitoring
- Heat Map

YEARS  
GOLD  
GUARANTEE

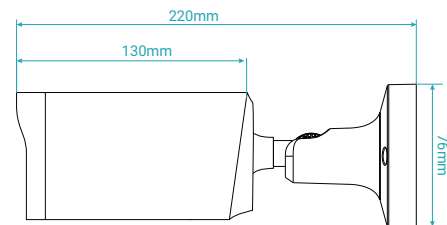
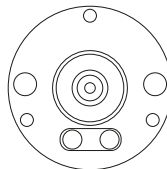
- 5 years unconditional Gold Warranty by DFS
- 6 years warranty on image quality stability

## 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 Electronic Image Stabilization (EIS) technology
- Supports intelligent heat map technology

Ultra  
H.265

IP67



| Camera                  |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor            | 6MP (Sony-Japan) Progressive scan Cmos Sensor (1/2.8")                                                                                                               |
| CPU                     | Dual-Core ARM Cortex                                                                                                                                                 |
| Resolution              | 3200*1800 (6MP)                                                                                                                                                      |
| Available IR Range      | 40~50 m Smart IR SMD Technology<br>30 m Warm Light Technology<br>Smart Light Technology                                                                              |
| D/N Filter              | IR cut filter with auto switch                                                                                                                                       |
| Min illumination        | Color: 0.001 lux(AGC on) -B/W: 0.0 Lux(IR on)(Warm Light On)                                                                                                         |
| Night Vision            | Dual Light Technology                                                                                                                                                |
| Lens                    |                                                                                                                                                                      |
| Lens Type               | Fixed                                                                                                                                                                |
| Focal Length            | 3.6 mm @F1.6, (2.8 mm Optional)                                                                                                                                      |
| Angle of View           | H-FOV: 89°-(108°), V-FOV: 46°-(58°), D-FOV: 106°-(128°)                                                                                                              |
| DORI Distance           |                                                                                                                                                                      |
| DORI                    | Detect:65m-(46m) Observe:26m-(18m) Recognize:13m -(9.5m)<br>Identify: 6.5m-(4.5m)                                                                                    |
| Picture Adjust          |                                                                                                                                                                      |
| Picture Function        | 120dB 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@ 6MP(3200*1800), 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 | 13 Smart Function<br>Line Crossing, Area Intrusion, Region Entrance, Region Exiting, Fast Moving, Loitering Detection, Blurred Detection, Scene Change Detection, Audio exception Detection, Face Detection, Smart People Counting, Crowd Density Monitoring, Heat Map |
| 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                                                                                                                                                                                                                                       |
| Power Supply         | DC12V ± 10%                                                                                                                                                                                                                                                            |
| PoE Supply           | IEEE802.3af - Max 10 Watt                                                                                                                                                                                                                                              |
| Web Language         | English, Persian                                                                                                                                                                                                                                                       |
| Dimension            | 220*76 mm                                                                                                                                                                                                                                                              |
| Weight               | 980 g                                                                                                                                                                                                                                                                  |
| 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                                                                                                                                                                                                                                                       |