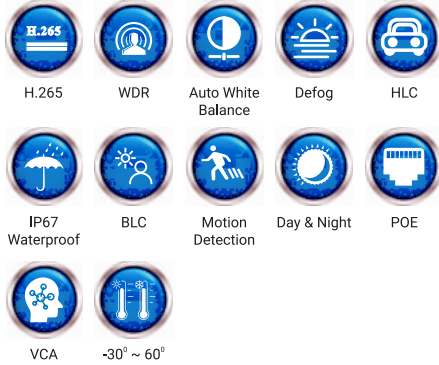




FEATURES



SeeThru SMART STI-FB50IR4M-1440PLS

4 MP

KEY FEATURES

- H.265+/H265/H.264+/H264/ MJPEG coding
- Max. resolution: 2592 × 1520
- ICR auto switch, true day / night
- 30 ~ 50m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- 1CH audio input; 1CH built-in speaker
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP66 ingress protection
- Support three streams
- Intelligent analytics: video exception detection, line crossing detection, region intrusion/entrance/exiting detection, heat map, face detection, target counting by line/area, video metadata
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS

Camera

Image Sensor	1 / 3"CMOS
Image Size	2592 x 1520
Electronic Shutter	Auto/manual mode; manual mode: 1 / 2 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.005lux@F1.4,AGC ON; 0 lux with IR
Lens	3.6 mm@F1.6, H.FoV: 80°; V.FoV: 46°; D.FoV:96°
Focus	Fixed
Lens Mount	M12
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
S/N Ratio	>50dB
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°

Image

Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	4MP/2K/3MP/1080P / 720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P(60Hz : 1 ~ 60fps; 50Hz: 1~50fps)
Sub Stream	720P/D1/CIF(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Third Stream	D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast,Wide Dynamic, Sharpness, image flip, image mirror, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately



Godrej

SeeThru SMART

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Interfaces

Network	RJ 45 10M/100M self-adaptive Ethernet port
Video Output	No
Audio	1CH audio input; 1CH built-in speaker
Alarm	1CH alarm input; 1CH alarm output
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes

Intelligent Analytics

Exception Detection	Scene change, video blur and abnormal color detection
Perimeter Detection	Line crossing detection (human/vehicle classification); Region intrusion/entrance/exiting detection (human/vehicle classification)
Statistics	Target counting by line/area, heat map
Face Detection	Target counting by line/area, heat map
Other Events	Abandoned/missing object detection
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature

DORI Distance

Lens	Detect	Observe	Recognize	Identify
2.8mm	65.19m(213.87ft)	26.08m(85.56ft)	13.04m(42.78ft)	6.52m(21.39ft)
3.6mm	71.62m(234.97ft)	28.65m(93.99ft)	14.32m(46.98ft)	7.16m(23.49ft)
2.8~12mm(W)	59.66m(195.73ft)	23.87m(78.31ft)	11.93m(39.14ft)	5.97m(19.58ft)
2.8~12mm(T)	216.31m(709.67ft)	86.52m(283.85ft)	43.26m(141.92ft)	21.63m(70.96ft)

Functions

Remote Monitoring	Web Browser/Godrej NVMS2.0/NVR/Mobile APP
Web Browser	IE11(Plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, HTTP POST,802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection, Light alarm, Audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern Watermark, Video mask, Heartbeat
Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs
PoE	Yes, IEEE802.3af
IR Distance	30~50m
Protection Grade	IP 66

Others

Power Supply	DC12V/PoE
Power Consumption	< 12.5W
Operating Environment	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Storage Environment	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	217.8 × 80.5 × 80.3
Weight (net)	Approx. 0.694KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)