2MP infrared human detection dome camera

Model：FS-W6235IHBB55A

Features:

◆1/2.8″ Sony 2MP CMOS sensor

◆Use the built-in deep learning algorithm of human shape and car shape, suitable for traffic statistics

◆Only human or vehicle detection and analysis, other moving objects will not be affected by detection

◆Support target counting, electronic fence, retrograde detection, off-site detection
Support to calculate the statistics of import and export persons and vehicle flow

◆Support to view daily/monthly report statistics and report to export

◆Max. resolution 2M(1920X1080 @ 30fps)

◆Support low bit rate,low delay and ROI enhance encoding

◆Support multi-line OSD,OSD color can be adjusted

◆High effective IR leds,long service life,IR distance can reach 10-20m

◆Support smart IR,prevent IR overexposure at night

◆ICR infrared filter plate automatic switch,achieve real D/N monitoring

◆Support corridor mode,increase the monitoring area in longitudinal strip environment

◆Support 3D digital N/R,WDR

◆Support auto electronic shutter function,adapt different monitoring environment

◆Support various intelligent alarm

◆Support GB28181,Onvif access

◆Support HTTPS encryption transmission

◆Original equipment boot to modify password,ensure password security

◆Support Email,FTP,NTP,DDNS

◆Support 2CH alarm input / 1CH alarm output

◆Support Micro SD card (128G) local-storage

◆Support PoE (optional)

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Specification

Camera	
Image sensor	1/2.8″ Sony 2MP CMOS sensor
Min.illumination	0Lux/F1.4（IR on）color: 0.02Lux/F1.4,B/W:0.002Lux/F1.4
IR distance	10-20M(12 IR leds)
Electronic shutter	Auto/ Manual(1/5~1/100000),FLK
Day/ Night	ICR switch,auto,color,B/W,ext
Lens	6-22mm motorized lens
	Focus: Auto/manual
Lens interface	Φ14
S/N ratio	≥50db (AGC OFF)
WDR	WDR(Off/Low/Middle/High)
Light board control	Auto/ Manual/Off
3D N/R	Off/ Low/ Middle/ High/ Higher
Defog	Off/ Low/ Middle/ High
Mirror	Off/ Horizontal/ Vertical/ 180º rotation/ Corridor mode(90º rotation,270º rotation)
Slow Shutter	Off/On,default off
Exposure control	Auto/ Manual
Image setting	Brightness,Contrast,Saturation,Sharpness,Hue,Whtite Balance
AUDIO/VIDEO ENCODING	
Video compression	H.264
Encoding	Main Profile
H.264 Encoding	BaseLine / Main Profile / High Profile
Encoding features	NTSC: main stream: 1920X1080@30fps,sub-stream: D1@30fps
	PAL: main stream: 1920X1080@25fps,sub-stream: D1@25fps
Third stream	NTSC/PAL：1920X1080@10fps
Video bit rate	Constant bit rate,variable bit rate (16kbps~8000kbps)
Video type	Complex stream/ Video stream
Audio compression	G.711u
Audio bit rate	64Kbps
Audio control	Input volume（0-100）, output volume（0-100）
ROI	Support 4 zones,multi-stage level
NETWORK	
Network protocol	TCP/IP,UDP,HTTP,DHCP,RTSP,DDNS,NTP,PPPoE,UPnP,SMTP,FTP
Access protocol	ONVIF,GB28181 (optional)
Browser	Support IE11
Video preview meanwhile	8
User permission	User add/ modify/ delete,permission management
Safe mode	Authorized user name and password,HTTPS encryption and AES link encryption,RTSP verification

Motion detection	Set detection zone,Multi-level sensitivity can be set
Tampering alarm	1 zone
Privacy Mask	4 zones
Intelligent analysis	Target Counting, Retrograde Detection, Off-site Detection, Electronic Fence
Event linkage	Snapshot,TF card video,FTP upload or Email sending,alarm output linkage,preset linkage
Multicast function	Support
ANR	Support,match with NVR
Mobile surveillance	Support Apple,Android
Device exception detection	Support network disconnected,IP conflict,illegal access alarm
OSD	Title,time and date overlay,multi-line OSD,OSD color optional
DST	Support
Snapshot	Support snapshot,snapshot resolution is encoding resolution
System update	Support remote update
HUMAN AND VEHICLE SHAPE DETECTION	
Target Counting	The deployment time period can be set
	Type of protection: personnel, vehicles, people and vehicles
	Test line can be set up, up to 4
	Statistical methods: A→B/B→A, the number of people increased or decreased
Electronic Fence	Setup time can be set
	Test line can be set up, up to 4
	Detection type: target entry, exit, wander, or intrusion detection
Retrograde Detection	Setup time can be set
	Test line can be set up, up to 4
Off-site Detection	Setup time can be set
	Test line can be set up, up to 4
	Departure time is available
Report statistics (valid with TF card)	Target count: daily/monthly reports, line charts, bar charts, lists
	Electronic fencing: lists
INTERFACE	
Network interface	RJ45 10M/100M network adaptive
Audio	1CH (Line in) \1CH (Line out)
Alarm input	2CH input
Alarm output	1CH output
Reset	Support
RS485	Support
TF card	Support Max 128G,Micro SD(SDHC /SDXC) card local-storage
GENERAL	
Operating temperature	-20°C ~ 55°C

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Operating humidity	0 % -90 %
Protection grade	IP66/ IK09
Power supply	DC12V /PoE optional
PoE	Optional
Power consumption (max)	<8W
Dimensions(mm)	117（D）mm×86(H)mm
Weight/PCS(g)	650g

Dimension and Interface

1- audio input
2- power input
3- network interface
4- RS485/ alarm output
5- alarm input
6- audio output

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