


**FEATURES :**

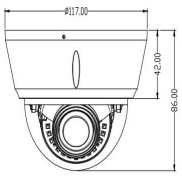
- Deep learning face algorithm is adopted to extract face feature value comparison and output the optimal picture
- Detect, track, score and screen the moving face, and output the optimal face capture graph
- Support face recognition automatic image matting output function,
- Support face entry and exit mode to automatically screen the optimal face and reduce repeated capture
- pat
- Face database management: 10,000 faces, which can be imported in batches, leaflets and snapshots
- Support background full image image character, time, device name superposition function
- Support Weigen export agreement 26, 34
- Max. resolution 2MP(1920×1080 @ 30fps)
- Support low bit rate, low delay and ROI enhance encoding
- H. 265 high effective compression, save bandwidth and storage space
- Support multi-line OSD, OSD color can be adjusted
- High effective IR leds, long service life, IR distance can reach 40-50m
- 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 PoE (optional)
- Support Micro SD card (128G) local-storage
- Support 3D digital N/R,WDR
- Support auto electronic shutter function,adapt different monitoring environment
- Support various intelligent alarm
- Support 2CH alarm input / 2CH alarm output
- Support GB28181, Onvif access
- Support Email, FTP, NTP
- Support HTTPS encryption transmission
- Original equipment boot to modify password, ensure password security

**Application scene:**

Applicable to buildings, supermarkets, hotels, banks, road, warehouse, underground parking lot, bar, pipeline, garden and other dark or lightless environment,which require HD image place, suitable for backlighting environment.

**DIMENSION:**
**SPECIFICATION :**

Param	Model	FS-FEW6237IHBB55A
<b>CAMERA</b>		
Image sensor		1/2.8"SONY 2.07MP progressive scan Exmor CMOS
Min.illumination		0Lux/F1.4 ( IR on ) color: 0.01Lux/F1.4, B/W:0.001Lux/F1.4
IR distance		40-50M(3*array IR leds )
Electronic shutter		Auto/ Manual(1/25~1/10000), FLK
Day/ Night		ICR switch, auto, color, B/W, ext
Lens		6-22mm
Lens interface		Φ14
Auto IRIS		DC drive
S/N ratio		≥50db (AGC OFF)
Output		PAL/NTSC adjustable
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/ 180° rotation/ Corridor mode(90° rotation, 270° rotation)
Slow Shutter		/
Exposure control		Auto/ Manual
Image setting		Brightness, Contrast, Saturation, Sharpness, Hue
<b>AUDIO/VIDEO ENCODING</b>		
Video compression		H.264
Encoding		Main Profile
H.264 Encoding		BaseLine / Main Profile / High Profile
Encoding features		NTSC: main stream: 1920×1080@30fps, sub-stream: D1@30fps PAL: main stream: 1920×1080@25fps, sub-stream: D1@25fps
Three stream		NTSC/PAL: 1920X1080@10fps,
Video bit rate		Constant bit rate, variable bit rate (16kbps~8000kbps)
Video type		Complex stream/ Video stream
Audio compression		/
Audio bit rate		/
Audio control		/
ROI		Support 4 zones, multi-stage level
Watermark function		/
<b>NETWORK</b>		
Network protocol		TCP/IP,UDP,HTTP,DHCP,RTSP,DDNS,NTP,PPPoE,UPlP,SMTP,FTP
Access protocol		ONVIF, GB28181 (optional)
Browser		Support IE, Chrome, Firefox, Safari
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
Motion detection		Set detection zone, Multi-level sensitivity can be set
Tampering alarm		1 zone
Privacy Mask		4 zones
Intelligent analysis		/
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
Other		/
<b>FACE RECOGNITION</b>		
Face detection number		Sync detection≤30pcs static faces targets, ≤10pcs dynamic faces targets
Recognition face size		Face pixel ≥80 pixels
Face database capacity		Support built-in ≤ 10000 faces
Posture		Capture within 20 degrees in vertical and 30 degrees in horizontal
Shelter		Recognizable with ordinaryglasses and short bangs hair
Expression		Recognizable with slight expression
Capture/comparison rate		Capture rate≥99% ( meet the above conditions ) ; Recognition rate≥95%
Face database query		Whole world query Blurry query
Record query		All ( match with SD card ) Recognition success ( match with SD card ) Recognition failure ( match with SD card )
Advanced linkage		Whitelist linkage ( Alarm arming time can be set ) Blacklist linkage ( Alarm arming time can be set ) Recognition linkage ( Alarm arming time can be set )
Exposure mode		Automatic face exposure Manual face exposure
Response speed		≤200ms
Face repetition remove		Interval capture ( Interval time:1~10000ms ) Entry capture ( Entry time:1~10000毫秒 ) , capture number ( 1~3 ) Leave capture ( Capture number1~3 ) Entry and leave capture
Face quality filtering		FaceQualityThreshold ( 0~10),the higher the value the better the quality of captured images Capture picture quality ( 1~99) Max. image size(32~1920pixels )



**WIRE INTERFACE:**



- 1- Alarm output 2
- 2- Network interface
- 3- Power input
- 4- Alarm input
- 5- Alarm output 1
- 6- Weigen interface

All Info. only for reference, please see the subject produce. Any change will not be notified.

Face recognition area	Face detection area size adjustment
	Face shielding area size adjustment
Largest only	Only detect the largest face in the front of the capture/close
Max. detection frame rate	15fps/s
Face ID quality score	on/off
Scene Graph	on/off
Face tracking	Face detection and tracking/off
Face dynamic exposure adjustment	Support
Image format	Can output face features image, full image, jpg. format image
<b>INTERFACE</b>	
Network interface	RJ45 10M/100M network adaptive
Analog video output	/
Audio	/
Alarm input	2CH input
Alarm output	2CH output
Reset	Support
RS485	Support
TF card	Support Max 128G, Micro SD(SDHC /SDXC) card local-storage
Other	/
<b>GENERAL</b>	
Operating temperature	-20°C ~ 55°C
Operating humidity	0% -90 %
Protection grade	IP66/ IK09
PoE supply	DC12V /PoE optional
PoE	Optional
Power consumption (max)	<8W
Dimensions(mm)	117 ( D ) mm×86(H)mm
Weight/PCS(g)	