

VAL-PD-3MP-FIR

SYSTEM OVERVIEW

The Array IR Megapixel Fixed camera delivers 3MP resolution with 3.6mm lens. Based on H.265+ compression format, it can save at least 30% storage space compared to H.265 camera.

Delivering high quality video without straining network, Smart H.265 is optimized based on H.264+, including scene adaptive encoding strategy, dynamic GOP, flexible multi-frame reference structure and intelligent noise reduction.

The camera's elegant blend of aesthetics combined with its compact form factor provides an excellent choice for a variety of small to middle-size, indoor/ outdoor applications.



- 3MP resolution
- H.264, H.265, H.265+ triple-stream encoding
- Support privacy mask and motion detection
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Support JPEG capture, 5 users visit at the same time
- Support Audio and POE function (Option)
- 2 ways audio real time transmission on internet, video frame would be adjusted according to bandwidth
- Support DHCP, realize dynamic IP address
- Support sound linkage alarm and broadcast sound self-definition
- Support IP filter and OSD self-definition
- 3.6 mm Fixed lens, 24pcs IR leds, IR distance 25M

DIMENSION



- Measurement is in millimeter (mm)

TECHNICAL SPECIFICATION

Hardware		
Model No	VAL-PD-3MP-FIR	
CPU	MSC325+SC4237	
Min illumination	Color:0.01Lux/ F1.2; black &white 0 Lux/F1.2 (IR on)	
S/N Ratio	≥37dB(AGC OFF)	
E-Shutter	1/25---1/10000S	
WDR	D-WDR; >80db	
DNR	3D DNR	
Lens	3.6 mm Fixed Lens @F1.2	
IR Leds	24 pcs IR Leds	
IR Distance	IR distance 25M	
Audio/talkback	1 CH MIC IN / Line IN (option)	
Audio output	1 CH audio output (Option)	
Video Coding		
Coding	H.265+ / H.265 / H264, stream code and frame is adjustable	
Resolution	Main stream	2560*1440(4MP)/20fps, 2048*1536(3M)/25 fps,1080P,960P, 720P/ D1@30fps
	Sub stream	D1/VGA/640*360/CIF@30fps, support CBR/VBR
Bit Rate	50 Kbps~ 3Mbps, frame 5-20 adjustable	
OSD Setting	channel name, date / time, stream info superposition, stacking position adjustable	
IP filter	Support	
Motion Detection	Support	
Privacy Mask	Support	
Image setting	Brightness, Contractness, Saturation, Gain, Shutter, White Balance adjustable	
Network Function		
Alarm	Motion detection, Cover, video loss, ip address conflict, network off	
Storage	Manual, auto (cycling, timing, alarm on/off, motion detection)	
Alarm data transfer	FTP, E-mail, browser, manage software	
Protocol	DHCP, HTTP, NTP, RTSP, Onvif, P2P, GB28181, RTMP is optional	
ONVIF	ONVIF2.6	
Client browsing	Up to IE6.0 (built-in Web Server) browser, max 8 user	
Client APP	iPhone, iPad, Android	
General		
Power supply	DC12V /POE	

ACCESSORIES

Optional :



Junction Box



Ceiling Mount



Wall Mount



Pole Mount

SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Hardware Support
- Guaranteed Warranty



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