

# VAL-ED-2MP-FIR

## SYSTEM OVERVIEW

The IR Megapixel Fixed camera delivers 2MP resolution with 3.6 mm lens. Based on H.265 compression format, it can save at least 40% storage space compared to H.264 camera.

With IR illumination, detailed images can be captured in low light or total darkness. The camera's Smart IR technology adjusts to the intensity of camera's IR Leds to compensate for the distance of an object.

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.



- 2MP Resolution
- H.264, H.265, dual-stream encoding
- Support ROI and privacy mask
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Support Audio and POE function (Option)
- Multiple network View: Web, CMS, Mobilephone
- Support title setting, mobile APP
- 3.6 mm Fixed lens
- 24pcs IR leds, IR distance 15M

## DIMENSION



- Measurement is in millimeter (mm)

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# TECHNICAL SPECIFICATION

Hardware		
Model No	VAL-ED-2MP-FIR	
CPU	MSC313E+Sony 307	
Min illumination	Color:0.01Lux@F1.2; black &white 0 Lux@F1.2 (IR on)	
S/N Ratio	≥50dB(AGC OFF)	
E-Shutter	1/25---1/10000S	
WDR	D-WDR; >80db	
DNR	3D DNR	
Lens	3.6mm Fixed Lens @F1.2	
IR Leds	24 pcs IR Leds	
IR Distance	IR distance 20 M	
Audio/talkback	1 CH MIC IN / Line IN (optional)	
Audio output	1 CH audio output (Option)	
Video Coding		
Coding	H.265 Main Profile; H264, Baseline	
Resolution	Main stream	1920*1080 (1080P)
	Sub stream	1280*960 (960P), 1280*720 (720P), 704*576 (D1) 640*480(VGA), 352*288 (CIF), 176*144 (QVGA)
Video Code Stream	32 Kbps~ 8Mbps,support CBR and VBR	
OSD Setting	channel name, date / time, stream info superposition, stacking position adjustable	
ROI	Support	
Privacy Mask	Support	
Intelligent Analysis	Support Area detection/target count/object left and lost/Line Crossing	
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	TCP/IP, DHCP, HTTP, HTTPS NTP, DNS, RTP RTSP	
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 (PoE Optional)	

## ACCESSORIES

Optional :



Junction Box



Ceiling Mount



Pole Mount

### SERVICES AVAILABLE

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



**VALVUR**

We care about your protection