

# WELSYS

## Model: WLS2MPAM4X

### SPECIFICATIONS

VIDEO	
Image Sensor	1/3" CMOS + 4x 1/1.9" CMOS
Max. Resolution	4x 1920x1080p & 1920x1080
Scanning Mode	Progressive Scan
Video Out	1 Terminal Block
Focal Length	f= 5mm
Aperture	F 2.2
Iris Control	DC Auto Iris
Angular Field of View PTZ*	360° Tele : 14.9° (H), 8.3° (V), 17° (D)
Min. Illumination	Color : 0.5 Lux @ F1.5 B/W : 0 Lux (IR LED ON)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10000), Anti-Flicker Slow Shutter ( 1~1/5, 1/7.5, 1/15)
Day and Night	Yes
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Auto Tracking
Image Setting	
Digital Noise Reduction	32dB
Backlight Compensation	On / Off / HSBC
Optical / Digital zoom	30x / 16 x
Image Stabilizer	Yes
Privacy Masking	16 Zones
NETWORK	
	Compatibility Mode
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Supported
Bitrate Control	H.264 - CBR / VBR, H.265 - CBR / VBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	Onvif 5
Max. Frame Rate	30ips : 1920 x 1080 (WDR)      30ips : 1920 x 1080 (WDR)
Supported Resolution	-      1920x1080 1280 x 720, 640 x 360
Multi-video Streaming	Quadruple Streaming      Quadruple Streaming
Network Protocols	RTP/R TSP/TCP , R TP/R TSP/HTTP/TCP, RTP/UDP R TSP/TCP , HTTP , HTTPS, FTP, SNTP , SMTP , FEN, mDNS, uPNP
Security	SSL Encryption      Multi-user Authority , IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Ethernet	RJ45 (10/100/1000BASE-T)
Recording Session Buffer (NLTRec)	Yes (Up to 60MB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone Remote S/W, Email (with Image)
Audio In / Out	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input 8ea / Output 2ea
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP66, Heater
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	24V AC, PoE (75W)
Power Consumption	HEATER OFF 24V~, 2.1A, 38.2W , 50/60Hz PoE, IEEE 802.3bt(Class 7), 29.7W      HEATER ON 24V~, 3.7A, 68.58W, 50/60Hz PoE, IEEE 802.3bt(Class 7), 58.6W
Approvals	FCC, CE(50130-4), KC
MECHANICAL	
Dimensions	352mm x 450mm x 450mm
Weight	16kg