

WELSYS

Model: WLS4MP30X

SPECIFICATIONS

VIDEO		
Image Sensor	1/3" CMOS	
Max. Resolution	2560x1440	
Scanning Mode	Progressive Scan	
Lens Type	AF Zoom Lens	
Focal Length	f=6.5 - 202mm (30vx)	
Aperture	F1.55 - 4.8	
Iris Control	DC Auto Iris	
Angular Field of View	Wide : 58.2° (H), 34.4° (V), 65.2° (D) Tele : 1.99° (H), 1.13° (V), 2.3° (D)	
Min. Illumination	Color : 0.1 Lux @ F1.55 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	IR cut filter with auto switch	
IR Distance (LEDs)	200m	
Image Setting	Configurable Exposure, White Balance, Sharpness	
Digital Noise Reduction	Configurable 2DNR/3DNR	
Backlight Compensation	On / Off / HSBC	
Manual/Digital zoom	30x / 12x	
Image Stabilizer	Yes	
Privacy Masking	8 Zones	
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Auto Tracking	
Video Out	1 Terminal Block	
PAN / TILT / ROTATE		
Pan Range	360° (Endless)	
Pan Speed	Pan : 0.02~180°/sec (preset 240°/sec)	
Tilt Range	200° (-10~190°)	
Tilt Speed	Tilt : 0.02~180°/sec (preset 240°/sec)	
Preset	256ea	
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 Profile S
Max. Frame Rate	30ips : 2560 x 1440 (WDR)	30ips : 2560 x 1440 (WDR)
Supported Resolution	-	3840 x 2160 (8MP), 1920 x 1080, 2560x1440 1280 x 720, 640 x 360
Multi-video Streaming	Quadruple Streaming	Quadruple Streaming
Network Protocols	DirectIP Protocol	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 (NLTSrec)	Yes (Up to 60MB)	
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 256GB)	
ALARM AND EVENT		
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	
Event Notification	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	Ø242mm x 401.1mm (Ø9.52" x 15.79")	
Weight	7.4kg (16.31 lb)	