



2MP Full HD Professional Miniature Square Camera



AY-PRU-PH2MP-MS1

PRO SERIES



Key Features

- Full HD(1920x1080) Resolution, 25/30fps
- C/CS Mount Lens Available(Lens Not Included)
- True WDR(120dB)
- Composite Video Output

- Audio In/Out(1/1), Alarm In/Out(1/1)
- Micro SD Card up to 32GB
- PoE, 12VDC

Technical Specifications

Model	AY-PRU-PH2MP-MS1	
IMAGE		
Lens	C/CS Mount	
Angle of View	-	
Image Sensor	Type	1/2.8" SONY Exmor CMOS Sensor
	Pixels	1944(H)x1224(V)
Min. Illumination	Color : 0.1Lux@F2.0, 50IRE	
Scanning Mode	Progressive Scan	
Wide Dynamic Range	True WDR(120dB)	
Day and Night Mode	-	
Noise Reduction	3DNR	
Digital Zoom	16X	
Exposure Control	Auto	
White Balance Control	Auto, Incandescent, Fluorescent, Outdoor	
Back Light Compensation	Yes	
Image Effect	Flip, Mirror, Aisle	
Flicker Free Mode	50Hz, 60Hz	
Shutter Speed	Auto(1/10,000~1sec), Manual	
VIDEO/AUDIO		
Compression	H.264(Baseline, Main, High Profile), MJPEG	
Bitrate Control	CVBR, VBR	
Resolution	1920x1080, 1280x1024, 1280x720/960, 1024x768, 704x480/576, 640x360/480, 320x240	
Frame Rate	Max. 50/60fps	
Streaming	50/60fps(Dual Stream : H.264x1, MJPEGx1) 25/30fps(Triple Stream : H.264x2, MJPEGx1)	
Composite Out	Yes	
Audio Compression	G.711	
Audio Streaming	2 Way	
SYSTEM		
Video Contents Analysis	DIS, Defog, Face Detector, Tampering, Line Detector, Field Detector	
Motion Detection Area	16 Programmable Area(Include Area 8, Exclude Area 8)	
Privacy Mask Zone	8 Programmable Zone	
FTP Uploading	MJPEG	
Event Notification	E-mail, FTP, Notification Server, XML Notification, AiHM	
Audio Alert	User-Defined 3 Audio Files	
Login Authority	Administrator, Operator, Guest	
Event Buffering	FTP	Pre : 30sec, Post : 30sec
	SD Record	Pre : 10sec, Post : 60sec
Manual Trigger	4 Programmable Trigger	
Security	Multi User Authority, IP Filtering, HTTPS, SSL	
Network Time Sync	NTP Server, Synchronized Computer, Manual	
Software Reset	Restart, Reset, Factory Default	
Hardware Factory Reset	Yes	
Auto Recovery	Backup, Restore	
Remote Upgrade	Web Browsing(IE, Chrome, Safari, Firefox), SmartManager	
SD Recording Mode	Event, Continuous	

NETWORK

Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Client Software	Web, SmartManager
Max. User Connection	Live : 10 Users, Playback : 3 Users
API Support	Open API, Onvif Compliance
Mobile Support	(Android, iOS)
EXTERNAL IN/OUT	
Video Composite Out	1 Output(EXT. Cable)
Audio	1 Input, 1 Output(EXT. Cable)
Alarm	1 Input, 1 Output(EXT. Cable)
Ethernet	RJ-45(10/100Base-T)
u-SD Card	SDHC(Max. 32GB)
RS485	-
OSD Remote Control	-
ETC	
Operating Humidity	0~90%RH(Non-Condensing)
Operating Temperature	-10~+50°C
Power Supply	PoE(IEEE802.3af Compliance, Class0), 12VDC
Power Consumption	5.5W@PoE(TBD) 5.0W@12VDC(TBD)
Dimension	55(W)x55(H)x50(D)
Net Weight	Approx. 155g

Specifications are subject to change without notice.

Dimension

