











# Zoom Module

Image	Product Name	Resolution	Zoom Ratio	Image Sensor	Focal Length	Aperture Range	Power
	PYN-8503R2G	2M	<b>X3</b>	1/2" Sony CMOS	4.1 ~ 12mm	F1.6 - F2.6	DC12V, Max 350mA
	PYN-8512Z2G	2M	<b>X12</b>	1/2" Sony CMOS	7 ~ 84mm	F1.5 - F1.9	DC12V, Max 350mA
	PYN-8518Z2G	2M	<b>X18</b>	1/2" Sony CMOS	6.8 ~ 120mm	F1.6 - F4.8	DC12V, Max 350mA
	PYN-8423Z2G	2M	<b>X23</b>	1/2.8" Sony CMOS	5 ~ 117mm	F1.5~F3.2	DC12V, Max 350mA
	PYN-8430Z2G	2M	<b>X30</b>	1/2.8" Sony CMOS	4.7 ~ 141mm	F1.5~F4.0	DC12V, Max 350mA
	PYN-8536Z2G	2M	<b>X36</b>	1/2" Sony CMOS	5.8 ~ 210mm	F1.5 - F4.8	DC12V, Max 350mA
	PYN-8442U2G	2M	<b>X42</b>	1/2.8" Sony CMOS	7 ~ 300mm	F1.8 - F6.5	DC12V, Max 400mA
	PYN-8545Z2G	2M	<b>X45</b>	1/2" Sony CMOS	5.7 ~ 256mm	F1.4 - F4.5	DC12V, Max 400mA
	PYN-4740U2G	4M	<b>X40</b>	1/1.8" Sony CMOS	6.6 ~ 264mm	F1.35 - F4.6	DC12V, Max 400mA
	PYN-5405R2G	5M	<b>X5</b>	1/2.8" Sony CMOS	2.7~13.5mm	F1.6~F2.8	DC12V, Max 350mA
	PYN-5410A2G	5M	<b>X10</b>	1/2.8" Sony CMOS	4.9~47.4mm	F2.36~F2.4	DC12V, Max 350mA
	PYN-9718Z2G	8M	<b>X18</b>	1/1.8" Sony CMOS	6.8 ~ 120mm	F1.6 - F4.8	DC12V, Max 400mA
	PYN-9736Z2G	8M	<b>X36</b>	1/1.8" Sony CMOS	5.8 ~ 210mm	F1.5 - F4.8	DC12V, Max 400mA

8M(IP)

# PYN-9718Z2G



## Product Features

### Image Sensor

| 1/1.8" Sony Progressive Scan CMOS

### Optical Zoom / Focal Length

| X18 / 6.8 ~ 120mm

### DEFOG / DIS

| Fog correction and prevention of shaking

### Graphic OSD (Korean/English/Arrows)

| Implement intelligent position captions and direction indicators, support for character expression depending on location

### IVA (Add Features\* See below)

| Motion Detection, Occlusion Detection, etc

### AI(optional)

| Fire monitoring, LPR

## Related Products



## Product Specifications

<b>Camera</b>	<b>Image Sensor</b>	1/1.8" Sony Progressive Scan CMOS	
	<b>Effective Pixels</b>	8.57 Megapixel	
	<b>Shutter Type</b>	Rolling Shutter	
	<b>Output Pixel</b>	3840(H) x 2160(V)	
<b>Image</b>	<b>Digital Zoom</b>	12x	
	<b>Day&amp;Night</b>	Auto(ICR) / Day / Night	
	<b>Shutter Speed</b>	1/1- 1/10000 sec	
	<b>MIN. Illumination</b>	COLOR: 0.05Lux@F1.6, B&W: 0.001@F1.6	
	<b>Focus</b>	Auto / Semi Auto / Manual (Fast focus algorithm support)	
	<b>AGC Control</b>	Auto / Manual	
	<b>2D/3D Noise Reduction</b>	OFF/Level Adjustment(1~5)	
	<b>Privacy Masking</b>	MAX. 4 Zones	
	<b>DIS</b>	ON/OFF	
	<b>WDR</b>	OFF/LOW/MIDDLE/HIGH	
	<b>DEFOG</b>	OFF/LOW/MIDDLE/HIGH	
	<b>Image Adjustment</b>	Saturation, Brightness, Contrast, Gamma, Aperture	
	<b>Image Setting</b>	BLC, HLC, Flip/Mirror, Dynamic Slow Shutter	
	<b>OSD</b>	Character & Graphic OSD Support	
<b>Lens</b>	<b>Optical Zoom</b>	18x	
	<b>Focus</b>	6.8 ~ 120mm	
	<b>Focal Length</b>	(W)59.6° - (T)3.5°	
	<b>Aperture Range</b>	F1.6 - F4.8 ±5%	
<b>Network</b>	<b>Ethernet</b>	10Base-T / 100Base-Tx	
	<b>Video Compression</b>	H.265 / H.264 / MJPEG	
	<b>Video Bit rate</b>	32kbps - 16Mbps, CBR/VBR/CVBR/QP Support	
	<b>Video Stream</b>	<b>Main</b>	4K/6M/5M/4M/3M/1080p
		<b>Second</b>	720p / D1
		<b>Third</b>	-
		<b>Fourth</b>	-
	<b>Frame Rate</b>	Max. 30 FPS @ All resolution	
	<b>Audio Compression</b>	Two way, G.711 A-law, G.711 u-law, 64kbps, sampling rate 8kHz	
	<b>Local Storage</b>	Micro SD/SDHC/SDXC Card , Support up to 256GB	
	<b>Web browser</b>	IE 6.0 above, HTML5 Support	
	<b>IVA</b>	Motion Detection, Occlusion Detection, Line Crossing*, Region entrance/exiting*, Intrusion*, Tampering*, etc	
	<b>Protocol</b>	<b>IPv4</b>	IPv4/IPv6*, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, NTP, DNS, DHCP, FTP
		<b>ONVIF</b>	PROFILE S, T
<b>Security</b>		User Authentication(ID/PW), IP Address filtering	
<b>General</b>	<b>UART</b>	RS-485(PELCO-D), RS232-TTL(MSCA)	
	<b>GPIO</b>	Digital In(1), Digital Out(1), GPIO(CDS, IR LED control, Etc)	
	<b>Operating Temperature</b>	-10°C ~ 50°C	
	<b>Power Consumption</b>	DC12V, Max 400mA	
	<b>Dimension</b>	50 x 64x 97.6 mm	
	<b>Weight</b>	Approx. 305g	

(\*Specifications are subject to change without prior notice.

Zoom Module

Twin-One Camera

IR PTZ

PTZ Bullet

Bullet

Dome

Box Camera

Positioning System

NDA

NVR