

PRELIMINARY



ONVIF  
Compliant



Quick installation with our *ProSet* remote zoom and focus system (select models)

## 1080p WDR IP Cameras with 3-9mm Varifocal

# **PixelPro**

### Features:

- 1080p HD Resolution
- 1/2.8" Progressive Scan CMOS
- True WDR and True Day/Night performance
- 3-9mm varifocal lens, F1.2
- P-Iris lens with ProSet for remote zoom and focus
- Dual streaming video
- Triple power (12VDC / 24VAC / PoE)
- External alarm I/O
- Setup and recording software included



GANZ Model#		ZN-D4DMP43L	ZN-D4DTMP43L	ZN-B4DMP43
		WDR Indoor Dome Camera	WDR Outdoor Dome Camera	WDR Bullet Camera
Image Sensor	Image Sensor	1/2.8" sony IMX140	1/2.8" sony IMX140	1/2.8" sony IMX140
	Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080
	Effective Pixels	1944(H) x 1224(V)	1944(H) x 1224(V)	1944(H) x 1224(V)
Effective Image Size (mm ; H x V, Diag)		5.56mm(H) x 3.43mm(V), 6.53mm(Diagonal)	5.56mm(H) x 3.43mm(V), 6.53mm(Diagonal)	5.56mm(H) x 3.43mm(V), 6.53mm(Diagonal)
S/N ratio		48 dB or more	48 dB or more	48 dB or more
Lens	Lens	Computar, Motorized with p-iris 3-9mm, 1/2.7"	Computar, Motorized with p-iris 3-9mm, 1/2.7"	Computar, Motorized with p-iris 3-9mm, 1/2.7"
	Iris	P-iris Wide: F1.2, Tele: F2.3	P-iris Wide: F1.2, Tele: F2.3	P-iris Wide: F1.2, Tele: F2.3
	Optical Zoom	x3	x3	x3
	Auto Focus	Yes	Yes	Yes
D&N	Day & Night	Removable IR Cut Filter	Removable IR Cut Filter	Removable IR Cut Filter
	D->N threshold	SW selectable	SW selectable	SW selectable
	N->D threshold	SW selectable	SW selectable	SW selectable
	IR Number	18pcs	18pcs	42pcs
POWER	Min. illumination	0 lux with IR LED ON	0 lux with IR LED ON	0 lux with IR LED ON
	DC	DV12V	DC12V	DC12V
	AC	AC24V	AC24V	AC24V
	PoE	802.3af class3	802.3af class0	802.3af class0
	Power Consumption	930mA @ DC12V, Max 11.5W 700mA @ AC24V, Max 9.5W 200mA @ PoE, Max 9.6W	850mA @ DC12V, Max 10.5W (with Heater ON) 860mA @ AC24V, Max 12.5W (with Heater ON) 260mA @ PoE, Max 12.5W (with Heater ON)	770mA @ DC12V, Max 9.5W (with Heater ON) 800mA @ AC24V, Max 11.6W (with Heater ON) 230mA @ PoE, Max 11.1W (with Heater ON)
Heater	-	Yes	Yes (3W ceramic heater)	
IO	microSD Card	SDHC card compatible (up to 32GB) *microSD Card is not included. (Recommended Class4 and higher)	SDHC card compatible (up to 32GB) *microSD Card is not included. (Recommended Class4 and higher)	SDHC card compatible (up to 32GB) *microSD Card is not included. (Recommended Class4 and higher)
	Analog Video Out (Installation Only)	CVBS Output, Stereo Jack	CVBS Output, Stereo Jack	CVBS Output, Stereo Jack
	Alarm In	1(Line in)	1(Line in)	1(Line in)
	Alarm Out	1(relay)	1(relay)	1(relay)
	Audio In	1x Line in	1x Line in	1x Line in
	Audio Out	1x Line out	1x Line out	1x Line out
	Audio CODEC	G.711	G.711	G.711
	PTZ	-	-	-
	Network	10BASE-T, 100BASE-TX, RJ45	10BASE-T, 100BASE-TX, RJ45	10BASE-T, 100BASE-TX, RJ45
	FAN	-	Yes(1)	Yes(1)
Ambient Temperature	0°C ~ 40°C(32°F~104°F)	-30°C ~ 50°C(-22°F~122°F)	-30°C ~ 50°C(-22°F~122°F)	
Ambient Humidity	less than 90%, Non-condensing	less than 90%, Non-condensing	less than 90%, Non-condensing	
Materials	Poly Carbonate	Aluminum Diecasting	Aluminum Diecasting	
Weight	535g	1.15kg	1.44kg	
Dimensions(W x H x D)	φ151 X 95.1(H)	Φ135 X 142(H)	Ø82.5 x 291(L) Pan Bracket : Ø123	
IK Rating	-	-	-	
IP Rating	-	IP66	IP66	

Functional Spec.	ZN-D4DMP43L	ZN-D4DTMP43L	ZN-B4DMP43
Network	10BASE-T, 100BASE-TX, RJ45	10BASE-T, 100BASE-TX, RJ45	10BASE-T, 100BASE-TX, RJ45
3D DNR	Yes (Depends on Codec Configuration)	Yes (Depends on Codec Configuration)	Yes (Depends on Codec Configuration)
WDR	Yes (True WDR) Dynamic Range: TBA	Yes (True WDR) Dynamic Range: TBA	Yes (True WDR) Dynamic Range: TBA
Image Compression	H.264 : High Profile MJPEG : Image quality: 100 Steps (Q value)	H.264 : High Profile MJPEG : Image quality: 100 Steps (Q value)	H.264 : High Profile MJPEG : Image quality: 100 Steps (Q value)
Resolution	1920 x 1080(Full HD), 1280 x 1024(SXGA), 1024x768(XGA), 1280 x 720(720p), 640 x 480(VGA), 640x360, 320 x 240(QVGA)	1920 x 1080(Full HD), 1280 x 1024(SXGA), 1024x768(XGA), 1280 x 720(720p), 640 x 480(VGA), 640x360, 320 x 240(QVGA)	1920 x 1080(Full HD), 1280 x 1024(SXGA), 1024x768(XGA), 1280 x 720(720p), 640 x 480(VGA), 640x360, 320 x 240(QVGA)
Digital Zoom	2 ~ 10x(Client Software)	2 ~ 10x(Client Software)	2 ~ 10x(Client Software)
White Balance	ATW / MANUAL(PRESET)	ATW / MANUAL(PRESET)	ATW / MANUAL(PRESET)
AGC	Yes	Yes	Yes
BLC (Back Light Compensation)	Yes	Yes	Yes
e-Shutter Speed	1/4-1/2000	1/4-1/2000	1/4-1/2000
Slow Shutter	Off, x2, 4x, 8x	Off, x2, 4x, 8x	Off, x2, 4x, 8x
Protocol	IPv4, HTTP, SMTP, UPnP, DNS, RTSP, DDNS, RTP, TCP, UDP, RTCP, DHCP, ARP, IGMP, ICMP, NTP, FTP	IPv4, HTTP, SMTP, UPnP, DNS, RTSP, DDNS, RTP, TCP, UDP, RTCP, DHCP, ARP, IGMP, ICMP, NTP, FTP	IPv4, HTTP, SMTP, UPnP, DNS, RTSP, DDNS, RTP, TCP, UDP, RTCP, DHCP, ARP, IGMP, ICMP, NTP, FTP
Max Connections	Unicast : 10 Multicast: Unlimited	Unicast : 10 Multicast: Unlimited	Unicast : 10 Multicast: Unlimited
Frame Rate	1 fps ~ 25 fps / 1 fps ~ 30 fps	1 fps ~ 25 fps / 1 fps ~ 30 fps	1 fps ~ 25 fps / 1 fps ~ 30 fps
Web Browser	Internet Explorer 9.0 or above Firefox Chrome	Internet Explorer 9.0 or above Firefox Chrome	Internet Explorer 9.0 or above Firefox Chrome
Security	Smart Phone, Tablet Password Protection	Smart Phone, Tablet Password Protection	Smart Phone, Tablet Password Protection
SDK (API)	HTTP based API, ONVIF Profile S	HTTP based API, ONVIF Profile S	HTML based API, ONVIF Profile S
VMD (Video Motion Detection)	Up to 4 Areas	Up to 4 Areas	Up to 4 Areas
Privacy Mask	10 Step Sensitivity Up to 2 Areas	10 Step Sensitivity Up to 2 Areas	10 Step Sensitivity Up to 2 Areas
Recording	Snapshot (microSD Card)	Snapshot (microSD Card)	Snapshot (microSD Card)
Alarm Trigger	VMD	VMD	VMD, External Alarm Input
Alarm Event	E-mail notification(Snapshot), FTP transfer(Snapshot)	E-mail notification(Snapshot), FTP transfer(Snapshot)	E-mail notification(Snapshot), FTP transfer(Snapshot)
Defective Pixel Correction	Yes (On the fly)	Yes (On the fly)	Yes (On the fly)
Streaming	Dual Stream	Dual Stream	Dual Stream
Tamper Detection	Yes	Yes	Yes
Multi Language	Yes	Yes	Yes
ANALOG (Installation Only)	Video Signal	NTSC/PAL selectable	NTSC/PAL selectable
	Monitor Output	Composite Output(BNC), 75 ohm 1Vpp	Composite Output(BNC), 75 ohm 1Vpp
	Scanning Frequency	NTSC: (H) 15.734 kHz, (V) 59.94 Hz PAL: (H) 15.625 kHz, (V) 50 Hz	NTSC: (H) 15.734 kHz, (V) 59.94 Hz PAL: (H) 15.625 kHz, (V) 50 Hz

All specifications are subject to change without notice.