



**ONVIF**  
Profile S Compliant

Plug and Play with  
**PIXEL MASTER**  
Embedded NVR with  
no configuration required

## 1080p Vandal-Resistant Outdoor IP Mini Domes

# **GANZ** **PixelPro**

### Features:

- 1080p HD Resolution
- 1/2.8" CMOS Sensor
- 2.1mm or 4.3mm Lens
- PoE (802.3af Class 2)
- Motion Triggered Alarm
- Dual Streaming Video
- Service Monitor Output
- Digital Day/Night
- DPC (Defective Pixel Correction)
- IP66 rated for all weather conditions




**Specifications**

Check our website for an updated list of software partners.

Models		ZN-MD221M	ZN-MD243M
Camera	Image Sensor	1/2.8" Sony IMX-036 CMOS Sensor	
	Max. Resolution	1920 x 1080	
	Effective Pixels	2096 (H) x 1561 (V)	
	Effective Image Size	5.24mm (H) x 3.90mm (V), 6.53mm (Diagonal)	
	White Balance	ATW / Manual (Preset)	
	Electronic Zoom	2 ~ 10x (Client Software)	
	AGC	Yes	
	BLC (Back Light Compensation)	Yes	
	Iris	No	
	Shutter Speed	1/4, 1/10, 1/12.5, 1/15, 1/20, 1/25, 1/30, 1/50, 1/60, 1/100, 1/120, 1/240, 1/480, 1/960, 1/1024, 1/2000s	
	Slow Shutter	2x	
	Lens	2.1mm, fixed	4.3mm, fixed
	Day/Night Performance	Digital Day & Night	
	S/N ratio	50 dB or more	
Min. Illumination	0.14 lux (F2.0 30IRE)		
Analog	Video Signal	NTSC/PAL selectable	
	Monitor Output	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	
Network	Network	10BASE-T, 100BASE-TX, RJ45	
	Image Compression	H.264 : Main Profile, Base/High Profile@V2.0 MJPEG / Image quality: 75 Steps (Q value)	
	Resolution	1920 x 1080 (Full HD), 1280 x 1024 (SXGA), 1024 x 768 (XGA), 1280 x 720 (720p)	
		640 x 480 (VGA), 320 x 240 (QVGA)	
		704 x 480 (4CIF), 352 x 240 (CIF)	
	Protocol	IPv4, HTTP, SMTP, UPnP, DNS, RTSP, DDNS, RTP, TCP, UDP, RTCP, DHCP, ARP IGMP, ICMP, NTP	
	Frame Rate	1 fps ~ 30 fps	
	Web Browser	Internet Explorer 7.0 or above, Firefox, Chrome, Smart Phone	
	Security	Password Protection	
	SDK (API)	HTML based API	
VMD (Video Motion Detection)	User set 4 ROI (Region of Interest) 10 Step Sensitivity		
Alarm Trigger	VMD		
Power	Power Source	PoE (IEEE 802.3af compliant)	
	Power Consumption	110mA @ DC48V, Max 3W	
	Temperature	14°F~122°F (-10°C ~ 50°C)	
Additional	Ambient Humidity	Less than 90%, Non-condensing	
	Materials	Aluminum Diecasting	
	Weight	0.8lbs. (360g)	
	Dimensions	4.3" ø x 2.7" H (110mm ø x 67.5mm H)	
Certifications/IP Rating	ONVIF Profile S, CE, FCC, WEEE, IP66		

Setup and recording software included. All specifications are subject to change without notice.