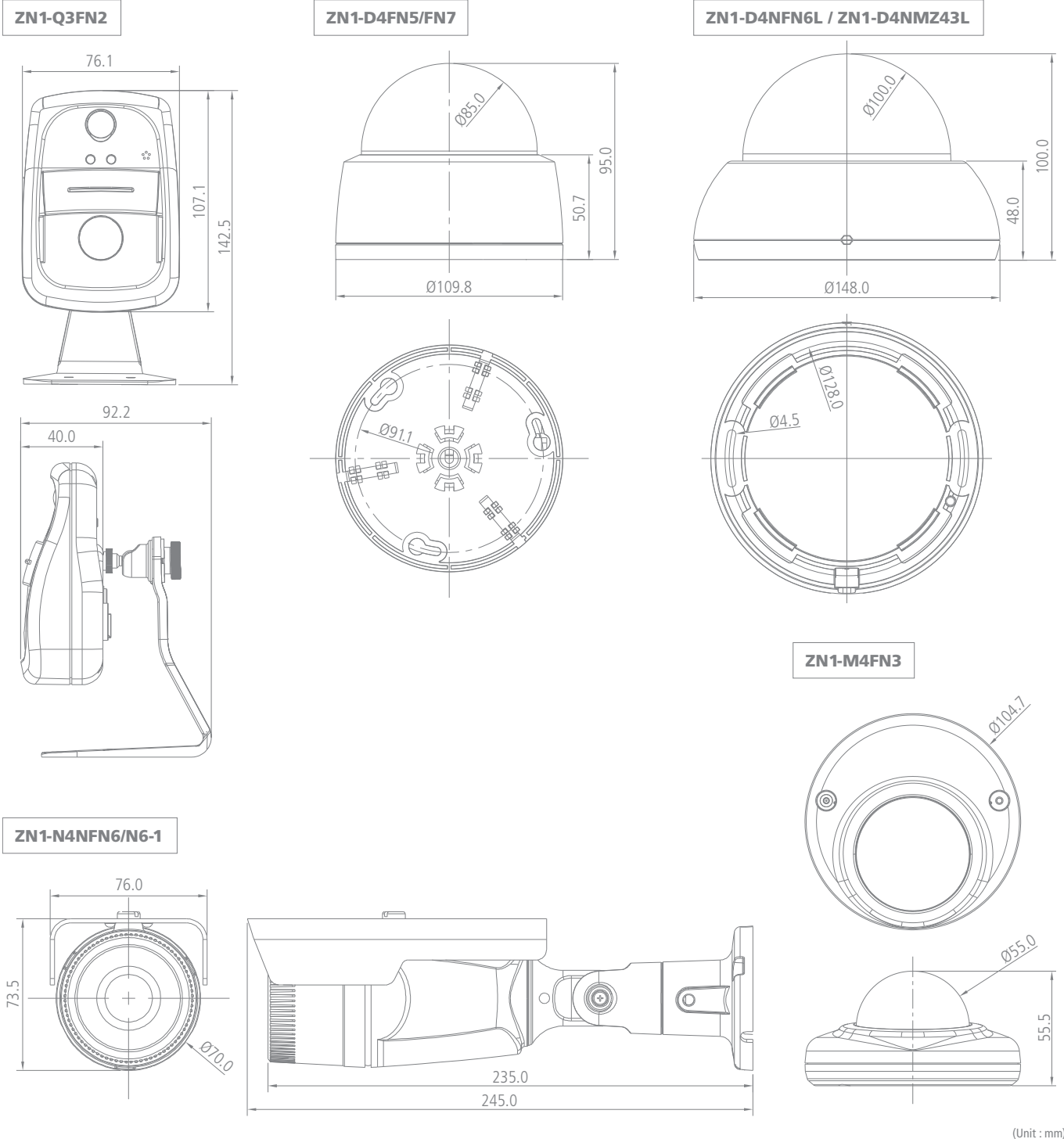


DIMENSIONS



*Exact products and specifications shown may vary by geographic and subject to change without notice.
Actual products may differ from the images appearing in the specification sheet.

PixelPro GXi Network Camera (with Video Content Analytics) Compact Series



Features:

- Embedded Intelligent Video Content Analytics
- Full Frame at 1080p or 720p
- Video Compression: H.264, MJPEG
- Burnt in Text, Video Motion Detection Support
- microSD Memory Support
- Two-way Audio with G.711 (ZN1-Q3FN2)

SPECIFICATION

MODEL		ZN1-Q3FN2	ZN1-M4FN3	ZN1-D4FN5/FN7
				
Camera Module	Image Sensor	1/4" 720p CMOS	1/2.7" 1080p CMOS	SONY EXMOR 1/2.9" 1080p CMOS
	Effective Pixels	1280 x 720	1920 x 1080	1920 x 1080
	Scanning System	Progressive Scan		
	AGC control	Auto		
	Minimum Illumination	Color: 0.8 lux, B/W : 0.1 lux (DSS ON)	Color: 1.0 lux / B/W : 0.001 lux (DSS ON)	
	Lens	2.7mm F2.0	2.8mm F2.0	4.0mm F2.0 (FN5), 2.97mm F2.0 (FN7)
	Field of View	Horizontal: Approx. 91.0° Vertical: Approx. 59.0°	Horizontal: Approx. 110.0° Vertical: Approx. 81.5°	Horizontal: Approx. 84.4°(FN5), 104.5°(FN7) Vertical: Approx. 50.3°(FN5), 55.0°(FN7)
	Day & Night	Digital Day & Night		
	WDR	Digital WDR		
	DNR (Digital Noise Reduction)	Supported		
	DSS (Digital Slow Shutter)	2X ~ 16X		
	White Balance	ATW1 / ATW2 / Push / Manual		
	BLC	On (possible to designate zone) / Off		
	IR LEDs	-		
	DC auto Iris	-		
Video	Compression Format	H.264 Baseline, Main, High profile (MPEG-4 Part 10 / AVC), MJPEG (Motion JPEG)		
	Number of Streams	Dual Stream, Configurable streams in H.264, MJPEG		
	Resolutions	1280 x 720(720p), 1120 x 630, 960 x 540, 800 x 450(qHD), 640 x 360(HVGAW), 480 x 270, 320 x 180	1920 x 1080(Full HD), 1280 x 720(720p), 1120 x 630, 960 x 540(qHD), 800 x 450, 640 x 360(HVGAW), 480 x 270, 320 x 180	
	Frame rate	H.264: Max 30fps in all resolution MJPEG: Max 30fps in all resolution		
	Motion Detection	Supported		
	Text Overlay	Time stamp and text caption overlay		
	Analog Output	-		
Audio	Input	1 Channel	-	
	Output	1 Channel	-	
	Compression Format	G.711 μ-law	-	
Function	PIR Sensor	Supported	-	
	DI	1 Channel	-	1 Channel
	DO	1 Channel	-	1 Channel
	RS-485	-		
	Network	10 / 100 Base-T		
	Protocol	QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1		
	SD Memory Card Slot	microSD slot (up to 64GB)		
Electrical	Power Source	12VDC	PoE	12VDC, PoE
	Power Over Ethernet	-	Supported (IEEE 802.3af)	
	Power Consumption(Approx)	3.4W @ 12VDC	2.4W @ PoE	2.64W @ 12VDC
Environmental	Operating Temperature (Not include cold start)	0°C ~ 40°C (32°F ~ 104°F)		
	Operating Humidity	Humidity up to 85% RH (non-condensing)		
Mechanical	Dimensions	76.1(W) x 142.5(H) x 92.2(D) / 3.0" x 5.6" x 3.6"	Housing: 105.5(ø) x 55.5(H) mm / 4.2" x 2.2", Dome: 55.0(ø) mm / 2.2"(ø)	Housing : 109.8(ø) x 95.0(H)mm / 4.3" x 3.7", Dome: 85.0(ø)mm / 3.3"(ø)
	Weight(Approx)	142g	270g	300g
Certification		CE / FCC		
IP / IK Rating		-	IK09	-
Onvif		Supported		

MODEL		ZN1-D4NFN6L	ZN1-D4NMZ43L	ZN1-N4NFN6/N6-1
				
Camera Module	Image Sensor	SONY EXMOR 1/2.9" 1080p CMOS		
	Effective Pixels	1920 x 1080		
	Scanning System	Progressive Scan		
	AGC control	Auto		
	Minimum Illumination	Color: 1.0 lux / B/W : 0 lux (IR LED ON)	Color: 0.5 lux / B/W : 0 lux (IR LED ON)	Color: 1.0 lux / B/W : 0 lux (IR LED ON)
	Lens	4.3mm F2.0	3.0(w) – 9.0mm(t), F1.2(w) – F2.3(t), Motorized Focus & Zoom lens	4.3mm F2.0
	Field of View	Horizontal: Approx. 74.4° Vertical: Approx.40.8°	Horizontal: Approx. 110.8°(Wide) to 35.5°(Tele) Vertical: Approx. 57.7°(Wide) to 19.9°(Tele)	Horizontal: Approx. 74.4° Vertical: Approx.40.8°
	Day & Night	True Day & Night (Removable IR-cut filter)		
	WDR	Digital WDR		
	DNR (Digital Noise Reduction)	Supported		
	DSS (Digital Slow Shutter)	2X ~ 16X		
	White Balance	ATW1 / ATW2 / Push / Manual		
	BLC	On (possible to designate zone) / Off		
	IR LEDs	IR LED x 10 (850nm)	IR LED x 14 (850nm)	High Power IR LED x 8 (850nm)
	DC auto Iris	-	Supported	-
Video	Compression Format	H.264 Baseline, Main, High profile (MPEG-4 Part 10 / AVC), MJPEG (Motion JPEG)		
	Number of Streams	Dual Stream, Configurable streams in H.264, MJPEG		
	Resolutions	1920 x 1080(Full HD), 1280 x 720(720p), 1120 x 630, 960 x 540(qHD), 800 x 450, 640 x 360(HVGAW), 480 x 270, 320 x 180		
	Frame rate	H.264: Max 30fps in all resolution MJPEG: Max 30fps in all resolution		
	Motion Detection	Supported		
	Text Overlay	Time stamp and text caption overlay		
	Analog Output	NTSC / PAL (3 minutes, only for installation purpose)		-
Audio	Input	-		
	Output	-		
	Compression Format	-		
Function	Repositioning Preset	-		
	DI	-	N/A (N6) / 1 Channel (N6-1)	
	DO	-	N/A (N6) / 1 Channel (N6-1)	
	RS-485	-		
	Network	10 / 100 Base-T		
	Protocol	QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1		
	SD Memory Card Slot	microSD slot (up to 64GB)		
Electrical	Power Source	12VDC, PoE		PoE only (N6) / PoE, 12VDC (N6-1)
	Power Over Ethernet	Supported (IEEE 802.3af)		
	Power Consumption(Approx)	5.0W @ 12VDC	7.0W @ 12VDC	5.6W @ PoE (N6) / 6.0W @ 12VDC (N6-1)
Environmental	Operating Temperature (Not include cold start)	0°C ~ 40°C (32°F ~ 104°F)		[12VDC] -20°C ~ 50°C (-4°F ~ 122°F) (N6-1) [PoE] -20°C ~ 45°C (-4°F ~ 113°F)
	Operating Humidity	Humidity up to 85% RH (non-condensing)		
Mechanical	Dimensions	Housing : 148.0(ø) x 100.0(H)mm / 5.8" x 3.9", Dome: 100.0(ø)mm / 3.9"(ø)		76.0(W) x 73.5(H) x 235.0(D) mm / 3.0" x 2.9" x 9.3"
	Weight(Approx)	430g	470g	600g
Certification		CE / FCC		
IP / IK Rating		-		IP66
Onvif		Supported		