

Fixed Cameras

Available in a wide range of resolutions, for indoor and/or outdoor use.



VN-Z14



VN-Z34



VN-Z47



VN-Z31



VN-Z44



VN-Z54

**1.3 MP-Vandalproof
Fixed Mini Dome
Camera**

**3 MP-Vandalproof
Fixed Mini Dome
Camera**

**3 MP-Weatherproof
Fixed Mini Dome
Camera**

**4 MP-Vandalproof
Fixed Dome With
Motorized Varifocal
Lens Camera**

**2 MP-Fixed Dome
IP Camera**

**3 MP-Indoor,
Vandal Dome, Auto Iris
IP Camera**

IMAGE SENSOR	1/3" Pro. Scan CMOS	1/3" Pro. Scan CMOS	1/3" Pro. Scan CMOS	1/3.2" Pro. Scan CMOS	1/3" Pro. Scan CMOS	1/3" Pro. Scan CMOS
LENS	4mm@F2.0	2.8 mm or 4mm @F2.0	4mm@F2.0	Zoom, F3.3-12mm / F1.4-2.9, P-Iris, Auto Focus	2.8- 9mm @F1.4 Angle of view: 101-30.4 -Remote focus	2.8-9mm @ F1.4 Remote Focus
ANGLE OF VIEW	73.1	2048 × 1536: 86°(2.8mm), 70°(4mm), 1920 × 1080: 98.5°(2.8mm), 79°(4mm)	79		98.4-30.2°	91.2°-28.3°
WIDE DYNAMIC RANGE	DWDR	DWDR	DWDR	80dB	120dB	120dB
DAY & NIGHT	IR cut filter w/ auto switch	IR cut filter w/ auto switch	N/A	IR cut filter w/switch	IR cut filter w/ auto switch	IR cut filter w/ auto switch
MIN. ILLUMINATION	0.028 lux@F2.0, AGC ON 0.010 lux with IR	0.19 lux @F1.2, AGC ON, 0 lux with IR	0.19 Lux @F1.2, AGC on 0 lux with IR	Color: 0.1 lux, B/W: 0.05 lux at F1.4	0.5 Lux @ F1.2, AGC on, 0.1 Lux @ F1.2, AGC on	0.1 Lux @ (F1.2, AGC ON) 0.17 Lux @ (F1.6, AGC ON) 0 Lux with IR
VIDEO COMPRESSION	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.2604 / MPEG4 / MJPEG	H.264 / MPEG	H.264/MPEG4/MJPEG
MAX IMAGE RESOLUTION	1280 x 960	2048 x 1536	2048 x 1536	2032 x 1920	1920x1080	2048 x 1536
FRAME RATE	30 fps (1280 X 960) 30 fps (1280 x 720) 30 fps (1280 x 720)	15 fps (2048 x 1536) 30 fps (1920 x 1080) 30 fps (1280 x 720)	615 fps (2048 x 1536) 30 fps (1920 x 1080) 30 fps (1280 x 720)	8 fps (2032 x 1920) 15 fps (1920 x 1080) 30 fps (1280 x 720) 30 fps (640 x 480)	30 fps (2032 x 1920) 30 fps (1280 X 960) 30 fps (1280 x 720)	15 fps (2048 x 1536) 30 fps (1920 x 1080) 30 fps (1280 x 720)
IR RANGE	10-30m	10-30m	10m	N/A	30m	30m
AUDIO IN/OUT	N/A	N/A	Built-In Mic Audio Out	N/A	Two Way	Two Way
ALARM IN/OUT	N/A	N/A	1/1	2/2	1/1	1/1
STORAGE	N/A	N/A	Micro SD / MicroSDHC	N/A	N/A	N/A
POWER SUPPLY	12 VDC + 10% PoE (802.3af) 2W (max. 4W w/ICR on)	12 VDC + 10% PoE (802.3af) 5W (max. 7W w/ICR on)	12 VDC + 10% PoE (802.3af) 7W	12VDC PoE Class 3 (802.3af) 12.25W	12 VDC + 10% PoE (802.3af) 9W	12 VDC + 10% PoE (802.3af) 12W Outdoor, 9.5W Indoor
OPERATING CONDITIONS	22°F (-30°C) – 140°F (-60°C)	22°F (-30°C) – 140°F (-60°C)	22°F (-30°C) – 140°F (-60°C)	22°F (-30°C) – 140°F (-60°C)	22°F (-30°C) – 140°F (-60°C)	-40°F (-40°C) – 140°F (60°C) Outdoor Model -22°F (-30°C) – 140°F (-60°C) Indoor Model
WEATHER PROOF RATING	IP66	IP66	IP66	IP66	N/A	IP66 (Outdoor)
VANDAL RATING	IK 10	IK 10	IK 10	IK 10	IK 10	IK 10

PTZ & Bullet Cameras

Pan, tilt, and zoom enables precise positioning with high-speed tracking to provide a 360° view.

Bullet cameras record high-resolution video combined with weatherproof housings to provide great outdoor visibility.

							
	VN-Z15	VN-Z35	VN-Z55	VN-Z33	VN-Z210	VN-Z200	VN-Z5360
	1.3MP- Mini-Bullet IP Camera	3 MP- Mini-Bullet IP Camera	3 MP- Day/Night Bullet IP Camera	4 MP Outdoor Box Camera	2 MP Mini PTZ Dome	20x Optical Zoom IP PTZ Speed Dome	5 MP 360° Weather-Proof Mini Dome
IMAGE SENSOR	1/3" Pro. Scan CMOS	1/3" Pro. Scan CMOS	1/3" Pro. Scan CMOS	1/3.2" Pro. Scan CMOS	1/3" Pro. Scan CMOS	1/3" Pro. Scan CMOS	1/3" Pro. Scan CMOS
LENS	6mm @ F2.0	6mm @ F2.0	2.8-9mm @ F1.4	18X Zoom, f4.7 - 84.6 mm / F1.6 - F2.8	10x Zoom w/f4.9~49mm F1.8- 3.0, DC Iris, Auto Focus	4.7-94mm 20x optical zoom	f1.19 mm / F2.0
ANGLE OF VIEW	45.3	45.3	91.2-28.3°	48.94° - 3.61°	57.80 – 6.9°	58.3-3.2° (Wide-Tele)	180/360° Fisheye View
WIDE DYNAMIC RANGE	DWDR	DWDR	DWDR	80dB		120dB	120dB
DAY & NIGHT	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with switch	IR cut filter with switch	YES	IR cut filter with auto switch	NO
MIN. ILLUMINATION	0.01 Lux @ F1.2 AGC ON with IR	0.19 lux @F1.2 AGC ON, 0 lux with IR	0.19 Lux @F1.2 AGC ON, 0 lux with IR	Color: 0.1 lux B/W: 0.05 lux at F1.4	0.5 Lux @ F1.2, AGC on, 0.1 Lux @ F1.2, AGC on	0.1 Lux @ F1.2, AGC on 0.17 Lux @ F1.6, AGC on 0 Lux with IR	0.1 Lux @ F1.2, AGC on 0.17 Lux @ F1.6, AGC on 0 Lux with IR
VIDEO COMPRESSION	H.264/MJPEG	H.264/MJPEG	H.264 / MJPEG / MPEG4	H.264 / MJPEG / MPEG4	H264 / MJPEG / MPEG4	H.264/MJPEG/MPEG4	H.264,MJPEG
MAX IMAGE RESOLUTION	1280 x 960	2048 x 1536	2048 x 1536	2032 x 1920	1920x1080	1920 x 1080	2594 x 1944
FRAME RATE	30 fps (1280 X 960) 30 fps (1280 x 720)	15 fps (2048 x 1536) 30 fps (1920 x 1080) 30 fps (1280 x 720) 30 fps (640 x 480 VGA)	20 fps (2048 x 1536) 30 fps (1920 x 1080) 30 fps (1280 x 720)	8 fps (2032 x 1920), 15fps (1920 x 1080 HD 1080p) 30 fps (1280 x 720 HD 720p)	30 fps (1920 x 1080)	30 fps (1920 x 1080) 30 fps (1280 x 960) 30 fps (1280 x 720)	15 fps (2592 x 1944) 15 fps (2048 x 1536) 15 fps (1440 x 1080)
IR RANGE	30m	30m		NA	NA	NA	NA
AUDIO IN/OUT	N/A	N/A	Two Way	N/A	Two Way	N/A	Mic-In cable w/3.5mm jack
ALARM IN/OUT	N/A	N/A		N/A			
STORAGE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POWER SUPPLY	12VDC + 10% PoE (802.3af) Max. 5W (7W with IR on)	12VDC + 10% PoE (802.3af) Max. 5W (7W with IR on)	12VDC + 10% PoE (802.3af)	12VDC + 10% PoE (802.3af) 5.5W (ICR on: Max 8.5W)	12VDC + 10% PoE (802.3af) 12.95W	Hi-PoE; 40W max (heater 20W) Hi-PoE injector included 24VAC: 65W max (heater: 45W)	PoE Class 1 (IEEE802.3af) 3.36W
OPERATING CONDITIONS	22°F – 140°F (-30°C-60°C)	-22°F – 140°F (-30°C-60°C)	-40°F – 140°F (-40°C-60°C)	14°F – 122°F	-22°F – 149°F (Outdoor) -14°F – 122°F (Indoor)	-4°F – 122° F (-20°C-50°C)	-4°F – 122°F (-20°C-50°C)
WEATHER PROOF RATING	IP66	IP66	IP66	IP66	N/A	IP66	IP68
VANDAL RATING	N/A	N/A	N/A	N/A	IK 10	IK 10	IK 10