

GANZ **GENSTAR IP** IP CAMERAS AND NVRs



**HIGH PERFORMANCE.
LOWER COST
OF OWNERSHIP.**



CBC AMERICAS Corp.

ganzsecurity.com

GANZ GENSTAR IP

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The Ganz GENSTAR IP Series of network cameras and NVRs includes compact bullet and dome cameras, as well as a 6 megapixel fisheye IP dome with a 1/1.8" progressive scan CMOS sensor to provide high-resolution images of up to 3072 x 2048 and a 1.6mm fisheye lens for a 360° or 180° panoramic view. The embedded NVRs support up to 4MP resolution cameras and are engineered to provide ultra HD surveillance. They are available in 4, 8 and 16 channels with up to 8TB HDD.

Cameras



ZN8-F7NTFN10L

6 Megapixel 360° Fisheye Dome, 1.6mm lens

The GENSTAR Fisheye Camera delivers 6 Megapixel resolution in a 360° panoramic dome. Its unique dewarping function allows non-distorted view of the 360 degree image. Featuring a fixed 1.6mm lens and 6 Smart IR LEDs suitable for up to 30'.

- > 1/1.8" Progressive Scan CMOS
- > 360° Panoramic
- > 6 Megapixel Resolution
- > True Day / Night
- > 6 Smart IR LEDs (30' range)
- > 3D DNR
- > Camera Side Dewarping
- > IP65 rated



ZN8-B4NVF56

1080p Outdoor IR Bullet, 2.8-12mm lens

- > 1/3" Progressive Scan CMOS
- > True Day/Night
- > Smart IR
- > 3D Digital Noise Reduction
- > 8 IR LEDs for 131' - 164' range
- > PoE / 12VDC
- > IP66



ZN8-N4NFN4

1080p Outdoor IR Mini Bullet, 3.6mm lens

- > 1/3" Progressive Scan CMOS
- > True Day/Night
- > Smart IR
- > 3D Digital Noise Reduction
- > 2 IR LEDs for 66' - 98' range
- > PoE / 12VDC
- > IP66



ZN8-M4NTFN4L

1080p Outdoor IR Mini Dome, 3.6mm lens

- > 1/3" Progressive Scan CMOS
- > True Day/Night
- > Smart IR
- > 3D Digital Noise Reduction
- > 1 IR LEDs for 20' - 23' range
- > PoE / 12VDC
- > IP66

See Back Panel for Complete Camera Specifications >

Embedded NVRs

Features:

- > 4, 8 and 16 channel 1080p recorders
- > Easy to use GUI/WEB/Client interface
- > 1 RJ45 10M/100M/1000M network interface
- > Simultaneous HDMI & VGA up to 1080p output
- > Up to 8TB HDD available



NR8-4M71

4 Channel 1080p Embedded NVR



NR8-8M72

8 Channel 1080p Embedded NVR



NR8-16M74

16 Channel 1080p HD Embedded NVR

NVR

Specifications

	NR8-4M71	NR8-8M72	NR8-16M74
Video standard	6MP / 5MP / 4MP / 3MP / 1080p / 720p / D1		
Compression format	H.264		
Video input	4 x RJ-45 (PoE)	8 x RJ-45 (PoE)	16 x RJ-45 (PoE)
Channels	4	8	16
Monitor output	1x HDMI / VGA (simultaneously)		
Audio input	-	1	1
Audio output	-	1	1
Alarm input	-	-	2
Alarm output	-	-	2
HDDs	1 (optional) max. 3TB per HDD	1 (optional) max. 4TB per HDD	4 (optional) max. 4TB per HDD
Operating system	LINUX		
Recording format	6MP / 5MP / 4MP / 3MP / 1080P / 720P / D1		
Recording mode	Continuous / Motion / Alarm		
Recording speed	6MP / 5MP / 4MP / 3MP @15fps; 1080p @30fps		
Recording rate	4Ch Maximum 18Mbps	8Ch Maximum 36Mbps	16Ch Maximum 72Mbps
Events	Motion / Video loss / External Alarm		
Motion detection	Camera Side Motion Detection		
Interfaces	2x USB, RJ-45	2x USB, RJ-45	3x USB, 2x RJ-45
Time/date settings	GMT Timezone, Auto DST, NTP		
Remote access	Firefox, Chrome, Safari, IE, iPhone, iPad, Android		
Data export	USB, HDD		
Protocols	RTP / RTCP, TCP/UDP, HTTP, DHCP, DNS, NTP		
Access authorization	Password protection		
Operating environment	32° ~ 113°F	14° ~ 113°F	14° ~ 113°F
Operating voltage	48VDC	110 / 220VAC	110 / 220VAC
Dimensions (W × H × D)	10.0" × 1.9" × 9.3"	14.6" × 1.8" × 12.2"	17.3" × 2.6" × 14.8"
Weight	2.1 lbs	6.2 lbs	8.8 lbs

Camera Specifications



	ZN8-B4NVF56	ZN8-N4NFN4	ZN8-M4NTFN4L	ZN8-F7NTFN10L
Description	Outdoor IR Bullet	Outdoor IR Bullet	Outdoor Mini IR Dome	6 MP 360° Fisheye Dome with 6 IR LEDs
Image Sensor	1/3" CMOS		1/3" CMOS	1/1.8" Progressive Scan CMOS
Maximum Resolution	1080p		1080p	6MP
Effective Pixels	1920 (H) x 1080 (V)		1920 (H) x 1080 (V)	3072 (H) x 2048 (V)
White Balance	Auto		Auto	
Minimum Illumination	0.2 Lux (Color, AGC on), 0 Lux (IR on)		0.2 Lux (Color, AGC on), 0 Lux (IR on)	
Day / Night Performance	True Day / Night (ICR)		True Day / Night (ICR)	
Shutter Speed	1/5 - 1/20000		1/5 - 1/20000	
Iris	Fixed		Fixed	Yes
WDR Performance	dWDR		dWDR	
Digital Noise Reduction	2D / 3D		2D / 3D	
Lens	2.8mm - 12mm	3.6mm	3.6mm	1.6mm
Max. Aperture	F1.4	F2.0	F2.0	F2.0
Field of View	89° - 35°	75°	75°	360°
IR LED	8 IR LEDs 131' - 164' Range	2 IR LEDs, 66' - 98' Range	1 IR LED, 20' - 23' Range	6 IR LEDs, 33' Range
Smart IR	-		-	
Image Compression	H.264 High / Main / Baseline Profile, MJPEG		H.264 High / Main / Baseline Profile, MJPEG	
Triple Stream	Yes, configurable		Yes, configurable	
Bit Rate (CBR / VBR)	500kb - 12000kb		500kb - 12000kb	
Audio Compression	G711 ALAW / ULAW / RAW PCM		G.711, RAW_PCM	
Max. Resolution	1920 x 1080 @ 30fps		1920 x 1080 @ 30fps	3072 x 2048 (6 Megapixel) @ 15fps
Stream	Stream 1: 1920 x 1080 / 1280 x 720 Stream 2: D1 to QVGA		Stream 1: 1920 x 1080 / 1280 x 720 Stream 2: D1 to QVGA	Stream 1: 3072 x 2048 @ 15fps, 1920 x 1920, 1440 x 1440, 1920 x 1080 @ 25fps Stream 2: 1024 x 1024, 720 x 720, 720 x 576 @ 15fps / 30fps
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness		Rotate Mode, Saturation, Brightness, Contrast, Sharpness	
Dewarping	-		-	1F+3/5/7, 180° panorama
HLC	Yes		Yes	
Network Protocols	HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, PPoE, Unicast / Multicast, ONVIF		HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, PPoE, Unicast / Multicast, ONVIF	HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, PPoE, Unicast / Multicast
Alarm Trigger	Motion Detection, Network disconnect, Disk alarm		Motion Detection, Network disconnect, Disk alarm	Network disconnect, Disk alarm, I/O alarm
RTSP Video	Standard RFC2326, Support QuickTime / VLC Player		Standard RFC2326, Support QuickTime / VLC Player	
Security	User Security authentication, Reset, Hardware WatchDog		User Security authentication, Reset, Hardware WatchDog	
Video Motion Detection (VMD)	Yes		Yes	
Region of Interest (ROI)	-		-	-
Interfaces	RJ-45, BNC	RJ-45	RJ-45	
Ethernet	10 / 100 Base-T		10 / 100 Base-T	10 / 100 Base-T
Audio In / Out	1 / -		1/1	1 Ch Audio in / 1 Ch Audio out
Alarm In / Out	- / -		- / -	1 Ch Alarm in / 1 Ch Alarm out
Edge Storage	-		Micro SD/SDHC slot, Max 32GB (not included)	Micro SD/SDHC/SDXC slot, Max 64GB
Power Supply	PoE / 12VDC		PoE / 12VDC	12VDC / 24VAC / PoE
Power Consumption	2.5W (IR LED OFF) 5W IR LED ON		2.5W (IR LED OFF) 5W IR LED ON	5W (IR LED OFF) 8W IR LED ON
Operating Temperature	-4°F ~ 131°F / -20°C ~ 55°C		-4°F ~ 131°F / -20°C ~ 55°C	-4°F ~ 140°F / -20°C ~ 60°C
Operating Humidity	Less than 90% RH (non-condensing)		Less than 90% RH (non-condensing)	
Weather Rating	IP66		IP66	IP65
Dimensions	11.7"(L) x 4.0"(W) x 3.8"(H) / 297.2mm(L) x 101.6mm(W) x 96.5mm(H)	6.7"(L) x 2.8"(W) x 2.4"(H) / 170.2mm(L) x 71.1mm(W) x 70.0mm(H)	3.9"(Ø) x 2.1"(H) / 99.0mm(Ø) x 53.3mm(H)	6.3"(Ø) x 1.8"(H) / 160.0mm(Ø) x 46.8mm(H)
Weight	1.5 lbs / 700g	1.4 lbs / 631g	1.4 lbs / 635g	1.5 lbs / 700g
Certifications	CE, FCC, IP66, ONVIF (Profiles S & G)		CE, FCC, ONVIF (Profile S & G)	

Accessories:



Pendant Mount
ZA8-CBK637



Wall Mount
ZA8-CBK636



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