

# **GANZ** **GENSTAR AHD** AHD CAMERAS AND DVRs



**NEXT GENERATION  
ANALOG  
TECHNOLOGY**



**CBC AMERICAS Corp.**

[ganzsecurity.com](http://ganzsecurity.com)



## HIGH DEFINITION. LOWER COST OF OWNERSHIP.

The Ganz GENSTAR AHD Series is a full line of AHD cameras and recording devices that includes compact bullet and dome cameras. GENSTAR AHD high-definition cameras use coax cable for HD video to DVRs for 1080p recording. They are as simple to install and maintain as traditional analog solutions. They are capable of delivering 1080p HD video – capturing more than 4x the resolution of the most powerful analog cameras. The GENSTAR AHD DVRs are available in 4, 8 and 16 channels with up to 4TB of internal storage.

## AHD DVRs

### Features:

- > AHD 1080p recording
- > Supports 960H analog, AHD access
- > VGA and HDMI Full HD output
- > P2P Alarm event push
- > Supports 12 languages
- > Web CMS
- > HDD options available up to 4TB (8 and 16 Channel)

## AHD Cameras

### Features:

- > 1080p HD resolution: True Day/Night, Defog, Digital WDR, Advanced signal filtering, 3D noise reduction
- > Long range transmission distance: max. 300 meters over traditional 75-5 coaxial cable
- > No video latency: Uncompressed video, real time transmitting
- > Easy to install: Support OSD menu, easy to operate and install



### Z8-N4NFN4AN

1080p Outdoor IR Bullet,  
3.6mm lens,  
30 IR LEDs



**DRH8-4M41-A**

1080p AHD  
4 Channel DVR



**DRH8-8M41-A**

1080p AHD  
8 Channel DVR



**DRH8-16M44-A**

1080p AHD  
16 Channel DVR



**Z8-N4NVF56AN**

1080p Outdoor IR Bullet,  
2.8-12mm lens,  
36 IR LEDs



**Z8-M4NTFN4LAN**

1080p Outdoor IR Dome,  
3.6mm lens,  
24 IR LEDs



**Z8-D4NTVF56LAN**

1080p Outdoor IR Dome,  
w/2.8-12mm lens,  
36 IR LEDs

## Camera Specifications



	Z8-N4NFN4AN	Z8-N4NVF56AN	Z8-M4NTFN4LAN	Z8-D4NTVF56LAN
Indoor / Outdoor	Outdoor 3.6mm Bullet	Outdoor 2.8-12mm Bullet	Outdoor 3.6mm IR Dome	Outdoor 2.8-12mm IR Dome
WDR Performance	Defog DWDR		Defog DWDR	
Day / Night	True Day Night		True Day Night	
Image Sensor	1/3" Sony CMOS		1/3" Sony CMOS	
Effective Pixels	1920 (H) x 1080 (V)		1920 (H) x 1080 (V)	
Horizontal Resolution	1080p		1080p	
Minimum Illumination	0.001 Lux (Color, F1.2, AGC on), 0 Lux (IR on)		0.001 Lux (Color, F1.2, AGC on), 0 Lux	
TV System	NTSC		NTSC	
Video Output	1 Ch HDVI HD		1 Ch HDVI HD	
S/N Ratio	More than 48db (AGC Off)		More than 48db (AGC Off)	
Sync System	Internal		Internal	
Lens /FoV	3.6mm, 75° FoV	2.8mm - 12mm, 89° - 35° FoV	3.6mm, 75° FoV	2.8mm - 12mm, 89° - 35° FoV
IR Illumination	30 IR LEDs - 66' / 20m range	36 IR LEDs - 82-115' / 25-35m range	24 IR LEDs - 49' / 15m range	36 IR LEDs - 82-115' / 25-35m range
Interfaces	BNC		BNC	
DNR	2/3DNR		2/3DNR	
Angle of View	75° FoV	89° - 35° FoV	75° FoV	89° - 35° FoV
Electronic Shutter	1/25s ~ 1/500,000s		1/25s ~ 1/500,000s	
BLC (Backlight Compensation)	BLC/HLC/OFF		BLC/HLC/OFF	
White Balance	ATW/AWC-SET/Indoor/Outdoor/MANUAL		ATW/AWC-SET/Indoor/Outdoor/MANUAL	
Power Supply	12 VDC		12 VDC	
Power Consumption	335mA max.	375mA max.	375mA max.	335mA max.
Operating Temperature	14° F - 131° F / -10° C - 55° C		14° F - 131° F / -10° C - 55° C	
IP Rating	IP66		IP66	
External Dimensions	2.7 x 2.6 x 6.7 (in) / 69 x 65 x 170	3.8 x 3.3 x 9.0 (in) / 97 x 84 x 228	4.2(Ø) x 3.8 x 3.1 (in) / 106(Ø) x 96 x 78	5.2 (Ø) x 5.7 x 4.0 (in) / 133 (Ø) x 145 x 102
Weight	0.8 lbs / 350g	1.2 lbs / 550g	0.7 lbs / 300g	1.2 lbs / 550g
Max. Distance Video	984' / 300m (75-5 Coaxial cable)		984' / 300m (75-5 Coaxial cable)	
Housing	Aluminium		Aluminium	
Certifications	IP66, CE, FCC, RoHS, WEEE		IP66, CE, FCC, RoHS, WEEE	

## DVR Specifications



	DRH8-4M41-A	DRH8-8M41-A	DRH8-16M44-A
Video standard	NTSC		
Compression format	H.264		
Video input	4 x BNC	8 x BNC	16 x BNC
Monitor output	HDMI / VGA		
Audio input	4 x RCA		16 x RCA
Audio output	1		
Alarm input	-		16
Alarm output	-		4
Operating system	Linux		
Hard disk quantity	1 (max. 4TB/HDD, optional)		4 (max. 4TB/HDD, optional)
Recording format	Continuous / Motion / Alarm		
Recording rate	12fps @ 1080p		
Playback	Up to 4 Channels simultaneous	Up to 8 Channels simultaneous	Up to 8 Channels simultaneous
Events	Motion / Video loss / External Alarm		
Movement sensor	Yes		
Interfaces	1 x 10/100 BaseT, 2 x USB		1 x 10/100 BaseT, 2 x USB, RS485/232
Access authorization	Configurable		
Operating voltage	12VDC / 4A		12VDC / 6A
Operating Temperature	32° F - 104° F / -0° C - 40° C		32° F - 104° F / -0° C - 40° C
Dimensions (W x H x D)	13.8" x 11.6" x 1.8"		17.3" x 15.8" x 2.4"



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Tels.: +52 (55) 5740 2142 / 55 5740 0606 • ventas@telsa.com.mx • www.telsa.com.mx

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