True WDR IP camera GenSTAR series.

GANZ GENSTAR

ZN8-80B5M213D

Special features:

- **Smart Encode** - dynamically adaptable network stream and codec parameters for continuous recording while minimizing archive space requirements.

- **MFZ-type** lens **with 5x** optical zoom.

- **ROI** (Region of Interest) - based on user-specified ROI zones (areas of interest), the camera downgrades the image quality outside the zones to reduce bandwidth occupancy (bitrate), while maintaining maximum image quality in the ROI zones.

- Built-in **AI-based GenSTAR IVS 2.0** image analytics functions (virtual perimeter line, protected zones) supported by GenSTAR and GenSTAR VMS recorders

- Supports **face/person/vehicle** detection

- **SMART-IR** - the intensity of IR light emitted by IR-LEDs is automatically adjusted to avoid overexposure of objects (e.g. a person's face) near the camera.

- **True-WDR** - digital wide-dynamic function.

- **Scheduling** of the image **sensor** - the ability to configure the operation of the image sensor depending on the time or Day/Night mode.

- **IP address filter** - the ability to blacklist and whitelist access to the camera's web interface based on IP address.

- **Corridor mode** - adjusting the field of view to a scene characterized by a significant disproportion between the height and width of the usable area

Model	ZN8-80B5M213D
Sensor	1/2.8" CMOS
Sensitivity (AGC ON)	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Day/Night Mode	IR-Cut automatic filter
Shutter	Auto/Manual, 1/5 to 1/100,000s
Aperture	F-Iris
WDR mode	True WDR
Noise reduction	2D / 3D-DNR
Lens	MFZ with AF: 2.7 - 13.5mm | F1.6 | H: 98.3° to 27.5°, V: 71.3° to 20.3°
IR Led	IR LED, range up to 40 meters
AV compression	H.265 | H.264 | MJPEG | G.711U | PCM
Bitrate (CBR / VBR)	Stream 1: 100 Kbps - 16 Mbit
	Stream 2 and 3: 10 Kbps - 6 Mbit
Resolution and frames (PAL)	2560x1920 (25 fps).
	2304x1296 and 1920x1080 (25 fps).
Video streams	Stream 1: 2560x1920 (5MP) max.
	Stream 2: 720x576 (D1) max.
	Stream 3: 640x480 (VGA) max.
Image settings	Rotation, saturation, brightness, contrast, sharpness
Digital functions	HLC / BLC / ROI / DIS
Corridor mode	N/D
Privacy masks	8 zones
Events	Motion detection (22x18 grid) , Alarm IN,
	Audio detection, D/N switching
Network protocols	TCP, UDP, IPv4/6, HTTP/S, DHCP, FTP, SMTP,
	DNS, DDNS, NTP, RTP, RTSP, RTCP, Multicast
	Unicast, uPNP, WS-Discovery, SSL, PPPoE
RTSP support	RFC2326 standard (VLC Player / QuickTime).
Security	User authentication, hardware WatchDog
Compatibility	ONVIF (Profile S/T/G/M), SDK, CGI
Ethernet interface	10/100 Base-T, RJ45
Audio	1 x EC | 1 x WY
Alert	1 x EC | 1 x WY
Analog output	N/D

Technical parameters:

Reset button	Yes
SD card support	Micro SD max. 1TB
Power supply	12VDC / PoE (802.3af)
Power consumption	7W (IR-LED ON)
Power output	N/D
Operating temperature	-40°C to 60°C
Max Humidity	90%
Certifications and classes	CE / FCC / IP67
Dimensions / weight	232.3 x 74.8 x 80 mm / 810 g
Position adjustment range	180° (H) / 180° (V) / 350° (Rotation).

CBC Tokyo HQ
CBC Osaka
CBC Nagoya
CBC Fukuoka
CBC Mishima

CBC New Jersey
CBC Los Angeles
CBC Mexico
CBC Beijing
CBC DongGuan

CBC Shanghai
CBC HongKong
CBC Singapore
CBC Taiwan
CBC Bangladesh

CBC Guangzhou
CBC Korea
CBC Thailand
CBC UK
CBC Germany

CBC Poland
CBC Italy
CBC Spain
CBC Russia
CBC India

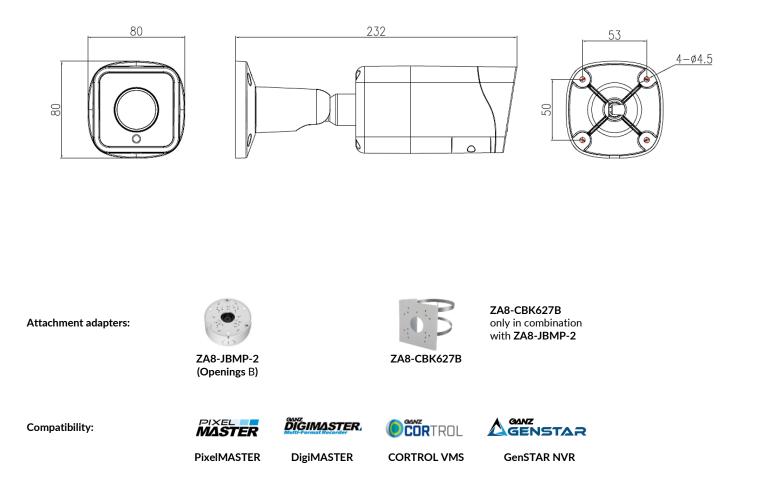**CBC Poland sp. z o.o.**

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DORI Distance				
Lens	Detection	Observe	Recognition	Identification
2.7 mm	63 m	25.2 m	12.6 m	6.3 m
13.5mm	217 m	86.8 m	43.4 m	21.7 m

External dimensions:

Attachment adapters:

ZA8-JBMP-2
(Openings B)

ZA8-CBK627B

ZA8-CBK627B
only in combination
with **ZA8-JBMP-2**

Compatibility:

PixelMASTER **DigiMASTER** **CORTROL VMS** **GenSTAR NVR**