Navijin

DATASHEET

VIDEO SURVEILLANCE / BULLET CAMERA

ICB-N2028

8MP, 6 AI Smart, Dual Light Bullet Camera

PRODUCT PAGE

ICB-N2028



8MP	H.265	IP66	15M
RESOLUTION	COMPRESSION	PROTECTION	IR DISTANCE

Overview

8MP, 6 AI Smart, Dual Light Bullet Camera

Key Features

- Max. image resolution: 8MP(3840x2160)
- H.265 high effective compression
- IR distance can reach 15M
- IP66 Plastic casing
- Support bidirectional talk

Basic Parameter

Smart Function	6 AI function
Image Sensor	1/2.7", 8MP progressive scan ultra-low illumination CMOS S83
Effective Pixels	8MP
Min. Illumination	Color: 0.1Lux@F1.2; B&W: 0Lux@F1.2(IR on)
Lens	F1.6 4mm
IR Distance	15M (4pcs dual light)

Noise Reduction	3D digital noise reduction
WDR	DWDR (Off/Low/Medium/High)
Mirror	Off/Horizontal mirroring/Vertical mirroring/180° rotation
Image Setting	Brightness/Contrast/Sharpness/Saturation/Chroma

AI Function

Line-crossing Detection	When someone in the area crosses the drawn warning line, the alarm will be triggered
Vehicle Retrograde	When there is a vehicle go in opposite direction, the alarm will be triggered
Staff Absence	When someone leaves the area for longer than the set time, the alarm will be triggered
Loitering	When someone enters this area and stays for more than the set time, the alarm will be triggered
Area Intrusion	Set up an area, when someone enters this area, the alarm will be triggered
Vehicle Illegal Parking	Set up an area which does not allow to park more than specific time, when vehicle parking time is more than set time, the alarm will be triggered

Video and Audio Coding

Encoding Format	S265/H.265/H.264
Coding Characteristics	Main stream: 3840x2160@25fps, 3072x2048@25fps, 3072x1728@25fps, 2592x1944@25fps, 2880x1620@25fps, 2560x1440@25fps, 2304x1296@25fps, 1920x1080@25fps Sub stream: D1(720x576), VGA(640x480), Q720P(640x360)
Video Bit Rate	Fixed bit rate, variable bit rate(1280kbps-4Mbps)
Video Type	Composite stream/Video stream
Audio Coding Standard	G.711U/64Kbps

Network

Ethernet Interface	1x RJ45 10M/100M network-adaptive Ethernet port
Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTSP, RTMP, DDNS, UPnP, NTP, SMTP
Interface Protocol	Onvif/SLINK
Preview Monitoring	Mobile Phone/IMS/NVR/Browser
Simultaneous Live View	Up to 2-ch
User	User add/Modify/Delete, permission management
Security	Authorized user name and password, HTTPS encryption and AES link encryption, RTSP

General

Power Supply	PoE (802.3at) / DC 12V
Power Consumption	≤10W
Dimensions(mm)	65.2mm x 58.47mm x 183.74mm
Operating Temperature	-20°C ~ 55°C

Operating Humidity	0%-90%
Protection Grade	IP66
Weight	330g

Warranty & support Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com** · **sales@navijin.com**

Rev. 2026-11. Specifications are subject to change without notice. Navijin and the Navijin logo are trademarks of Navijin Technology Co. All other trademarks are the property of their respective owners. © 2026 Navijin Technology Co. All rights reserved.