Navijin

DATASHEET

VIDEO SURVEILLANCE / DEDICATED CAMERA

ICB-N0403

4K(8MP) Panoramic Camera

PRODUCT PAGE

Wide-Area Monitoring

ICB-N0403



8MP	H.264	180°	IP66
RESOLUTION	COMPRESSION	FIELD OF VIEW	PROTECTION GRADE

Overview

The Navijin ICB-N0403 is a specialist IP camera for applications that need more than a standard camera – 4K Panoramic Camera. Key specifications include: Max. image resolution: 8MP(3840x920@30fps); IR distance can reach 15-20M; Support PoE. It is used for wide-area monitoring, long-distance tracking or temperature screening at sites such as oil and gas facilities, ports, airports, warehouses, campuses and city surveillance projects.

Key Features

- Max. image resolution: 8MP(3840x1920)
- Support Smart IR
- 180° panorama Mosaic
- Support Micro SD Card (128G)
- Support bidirectional talk

Camera

Image Sensor	4x 1/2" 2MP Progressive Scan CMOS
Min.illumination	0Lux(IR ON)Color: 0.002Lux/F1.4, B/W0.0005Lux/F1.4
IR distance	15–20m
Day/Night	ICR switch, auto, color, B/W, exit

WDR	DWDR (Off/Low/Middle/High)
Light board control	Auto/Manual/Off
3D N/R	Off/Low/Middle/High/Higher
Defog	Off/Low/Middle/High
Mirror	Off/Horizontal/Vertical/180° rotation

Audio/Video Encoding

Video compression	H.264
Encoding	Main Profile
H.264 Encoding	BaseLine/Main Profile/High Profile
Encoding Features	NTSC: Main stream: 3840x1920, Sub-stream: 720P, Third stream: 3840x1920 PAL: Main stream: 3840x1920, Sub-stream:720P, Third stream:3840x1920
Max. Resolution	3840x1920
Video bit rate	Constant bit rate, variable bit rate(16Kbps~16Mbps
Audio compression	G.711u
Audio bit rate	64Kbps

Network

Network Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTSP, RTMP, DDNS, UPnP, NTP, SMTP
Interface Protocol	Onvif
Preview Monitoring	Mobile Phone/IMS/NVR/Browser
Simultaneous Live View	Up to 4-ch
User	User add/modify/delete, permission management
Security	Authorized user name and password, HTTPS encryption and AES link encryption, RTSP

Interface

Ethernet Interface	1x RJ45 10M/100M/1000M network-adaptive Ethernet port
Audio	Built-in audio output, support external audio input
On-Board Storage	Built-in memory card slot, support Micro SD(SDHC/SDXC) card, up to 128GB

General

Power Supply	PoE (802.3at) / DC 12V
Power Consumption	≤15W
Dimensions(mm)	338.37mm x 167.9mm x 162.16mm
Operating Temperature	-20°C ~ 60°C
Operating Humidity	0%-90%

Protection grade	IP66

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**

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