Navijin

DATASHEET

VIDEO SURVEILLANCE / DEDICATED CAMERA

ICPD-N5022

2MP 20x Smart IR Network PTZ Camera

PRODUCT PAGE

Wide-Area Monitoring

ICPD-N5022



2MP	20x	IP66	120m
RESOLUTION	OPTICAL ZOOM	PROTECTION	IR DISTANCE

Overview

The Navijin ICPD-N5022 is a specialist IP camera for applications that need more than a standard camera – 2MP 20x Smart IR Network PTZ Camera. Key specifications include: Max. image resolution: 2MP(1920x1080); H.265 high effective compression; 20x optical zoom. 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: 2MP(1920x1080)
- H.265 high effective compression
- 20x optical zoom
- Support 360° pan endless; tilt 0°-90°
- Support manual speed: 0.1°-180°/S, preset: 200°/S

Zoom Module

Image Sensor	1/2.8" Sony CMOS Sensor
Min. illumination	Color: 0.1 Lux@F1.6; B/W: 0.05Lux@F1.6, 0 Lux(IR ON)
Effective Pixels	2MP
Min. Illumination	0Lux/F1.4(IR on), Color: 0.1Lux/F1.4 B/W: 0.05Lux/F1.4

Resolution	More than 1000TVL
Optical Zoom	20x
Focal Length	F=4.7mm ~ 94mm
Iris	F1.5(W) ~ F3.0(T)
Angle of View	55.8°(Wide) ~ 3.2°(Tele)
Zoom Speed	1-5 level optional
Focus Mode	Auto/Manual
S/N Ratio	>50dB
Image Adjust	Support brightness, contrast, saturation, Hue can be adjusted through web
White Balance	Auto/Custom/Lock white balance/Incandescent/Warm/Natural/Fluorescen
Image Mode	Standard/Gorgeous/Natural
Iris Control	Auto/Manual
Electronic Shutter	Auto/Manual (1/25~1/10000)
Auto Slow Shutter	On/Off
Gain Control	Lower/Low/Middle/High/Higher
BLC	Off/HLC/BLC
WDR	Off/TWDR/DWDR
Day/Night	Auto/Color/B-W/Extern
Mirror	Normal/Horizontal Mirror/Vertical Mirror/180° rotation
DNR	3DNR, Off/Low/Middle/High/Higher
Defog	Off/Low/Middle/High
Anti Shake	Off/Low/Middle/High

Audio/Video Compression

Video Compression	H.265/H.264
H.265	Main Profile
H.264	Base Line/Main Profile/High Profile
Frame Rate	1~30fps adjustable
Main Stream Resolution	1920x1080(1080p), 1280x720(720p), 720x576(D1)
Sub-stream Resolution	720x576(D1), 640x360
Output Format	PAL/NTSC adjustable
Max.resolution	2MP(1920x1080)
Video Bit Rate	CBR, VBR(16kbps-8000kbps)
Stream Type	Complex stream/Video stream
Audio Compression	G.711u
Audio Bit Rate	64Kbps

Audio Control	Input volume(0-100), output volume(0-100)

Function

Pan Range	360° endless
Tilt Range	0° ~ 90°
Manual Control	0.1° ~ 180°/s
Preset Speed	200°/s
Preset Accuracy	0.1°
Preset	256
Cruise	8 groups
Pattern	4 groups
Continuous Scan	Support
Proportion Zoom	Auto
PTZ Watch	Off/Preset/Cruise/Pattern
Auto Flip	Mechanical Flip
Power-off Memory	Support
3D Positioning	Support
Magnification/Coordinate	Support
IR Irradiation Angle	Automatically grouping adjusted, depending on the zoom ratio
IR Distance	120m
Smart IR	IR irradiation brightness and angle can be adjusted depending on the zoom ratio

Network

Network Protocol	TCP/IP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, UPnP, RTSP, IGMP, PPPoE, SNMP
Access Protocol	Onvif
Video Preview Meanwhile	Max 4CH
User Permission	User Add/Delete/Modify, Administrator/Operator/Ordinary users
Safe Mode	Authorized user name and password
Motion Detection	Multi areas, multi-level sensitivity threshold optional
Tampering Alarm	1 zone
Privacy Mask	8 zones
Event Linkage	Snapshot, TF card video, FTP upload or Email sending, Alarm output linkage, Preset linkage
Multicast	On/Off
ANR	Support, match with the NVR
Mobile Surveillance	Support Android, Apple
Device Exception	Support network disconnected, IP conflict, Illegal access alarm

OSD	Title, Time and date overlay, OSD color/size adjustable
DST	Support
System Upgrade	Support online remote upgrade

Integration

Network Interface	RJ45 10M/100M Network Adaptive
Audio	1CH input/1CH output, monitoring or bidirectional talk
Alarm Input	2CH input
Alarm Output	1CH output, support alarm linkage
Reset	Support
TF Card	128GB

General

Protection Grade	IP66
Operating Temperature	Outdoor: -30°C ~ 60°C(Support 30 minutes delay to boot up under low temperature)
Operating Humidity	10% ~ 90%
Power Supply	DC 24V/1.5A(±10%)
PoE	Support, (IEEE 802.3at)
Power Consumption (max.)	36W
Dimensions(mm)	380mm(H) x 216mm(D)
Weight	7Kg

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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