Navijin

DATASHEET

VIDEO SURVEILLANCE / DEDICATED CAMERA

ICPD-N6032

2MP 30x Smart IR Network PTZ Camera

PRODUCT PAGE

Wide-Area Monitoring

ICPD-N6032



2MP	30x	IP66	120m
RESOLUTION	OPTICAL ZOOM	PROTECTION	IR DISTANCE

Overview

The Navijin ICPD-N6032 is a specialist IP camera for applications that need more than a standard camera – 2MP 30x Smart IR Network PTZ Camera. Key specifications include: Max. image resolution: 2MP(1920x1080); H.265 high effective compression; 30x 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
- 30x 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 2.13M CMOS Sensor
Min. illumination	Color: 0.01Lux@F1.6; B/W: 0.001Lux@F1.6, 0Lux(IR ON)
Effective Pixels	2MP
Resolution	More than 1000TVL

Optical Zoom	30x
Aperture Number	F1.3(W)~F4.8(T)
Field of View	65.4°~2.48° (Near Focus - Far Focus)
Zoom Speed	1-10 levels adjustable
Focus Mode	Auto/Manual
Focusing Area	Full-area/Center focus
S/N Ratio	>50dB
Image Settings	Supports adjustable brightness, contrast, saturation, and sharpness
White Balance	Auto/User-defined/Locked white balance/Incandescent light/Warm light/Natural light/Fluorescent light
Image Mode	Standard/Colorful/Natural
Iris Control	Auto/Manual
Exposure Mode	Manual Exposure Control
Electronic Shutter	Auto,Manual(1/25~1/10000),FLK
Gain Control	Low/Lower/Medium/Higher/High
Backlight Mode	Strong light suppression/backlight compensation/off
Day/Night	ICR switching, auto/color/b&w/external trigger
Mirror	Normal / Vertical Mirror / Horizontal Mirror / 180° Rotation
DNR	3DNR, Off/Low/Middle/High/Higher

Audio/Video Compression

Video Compression	H.265/H.264
H.265	Main Profile
H.264	Base Line/Main Profile/High Profile
Frame Rate	1~30 fps adjustable 1920x1080, 1280x960, 1280x720, 720x576
Main Stream Resolution	1920x1080(1080p), 1280x960(960p), 1280x720(720p), 720x576(D1), 640x480(VGA), 352x288(CIF)
Sub-stream Resolution	720x576(D1), 640x480(VGA), 352x288(CIF)
Third Stream Resolution	1920x1080@10fps, 1280x960@20fps, 1280x720(720p)@25fps, 720x576(D1), 640x480(VGA), 352x288(CIF)
Output Format	PAL/NTSC Adjustable
Max.resolution	1920x1080
Video Bit Rate	Fixed bit rate, Variable bit rate (16kbps-8000kbps)
Stream Type	Composite/Video streaming
Audio Compression	G.711u
Audio Bit Rate	64Kbps
Audio Control	Input volume(0-100), output volume(0-100)

ROI	8 zones (1-6)

Function

Horizontal Rotation Range	360° continuous rotation
Vertical Rotation Range	0° ~ 90°
Manual Speed	0.1° ~ 180°/s
Preset Point Speed	200°/s
Preset Point Precision	0.1°
Preset Point	256
Cruise Scan	8 groups
Track Scanning	4 groups
Continuous Scan	Support
Proportion Zoom	Auto
Guardian Position	No motion/preset point/cruise/track scanning
Auto-rotate	Mechanical turning
Power Failure Memory	Support
3D Positioning	Support
Magnification/Coordinate	Support
Infrared Angle	Variable automatic grouping with magnification
IR Distance	120m
Smart IR	Infrared lamp brightness, angle change with magnification

Network

Network Protocol	IPv4, TCP, UDP, HTTP,HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, UpnP, RTSP, RTP, RTCP, IGMP, PPPoE, ICMP, SNMP
Access Protocol	Onvif
Browser	IE11
Number of Simultaneous Video Previews	8CH
User Rights	User add/delete/modify, administrator/operator/general user
Safety Mode	Authorized user name and password
Motion Detection	Multi-Zone Sensitivity Multi-Threshold Selection
Occlusion Alarm	1 region configurable
Privacy	8 areas
Event Linkage	Capture, TF card recording, FTP upload or send email, alarm output linkage, preset point linkage
Multicast Capability	Enable/disable multicast

ANR	Support, realized with NVR
Cell Phone Monitoring	Support Apple, Android system cell phone monitoring
Equipment Anomaly Detection	Broken network cable/IP conflict/unauthorized access
OSD	Title, time and date overlay, OSD color/font size adjustable
DST	Support
System Upgrade	Support online remote upgrade

Interface

Network Interface	RJ45 10M/100M Network Adaptive
Sound Frequency	1 input/1 output, monitor or intercom
Alarm Input	2CH input
Alarm Output	1CH output
Reset	Support
TF Card	256GB

General

Protection Grade	IP66
Operating Temperature	Outdoor: -30°~60° (support low-temperature delayed start for 30 minutes)
Operating Humidity	10%~90% relative humidity (non-condensing)
Power Supply	DC24V/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**

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.