

6MP Dual Light PTZ Network Camera



MODEL **TI-NC426C-IR/20X**



KEY FEATURES

- 6MP (3072 × 2048) at 25 fps, 1/2.8" CMOS Sensor
- Face Detection, Human & Vehicle Detection, Line Crossing, Area Entry/Leaving Detection, Intrusion Detection
- Low Illumination: 0.01 Lux
- Day/Night (ICR), AWB/MWB, 100 dB WDR, 2D/3D DNR
- Smart Dual Light, Infrared & White Light Modes
- H.265 / H.264 Compression, Dual Streams
- RTSP Support, ONVIF 23.12 Compatible (Profiles S / G / T / M)
- P2P Cloud Service, Web Browser, PC Client & Mobile App Access
- 4.7–94 mm F1.6–3.5 Lens, 20X Optical Zoom
- Pan: 0°–360°, Tilt: -5°–90°
- 256 Presets, 8 Patrol Groups, up to 16 Presets per Group
- Human Auto Tracking with Patrol Support
- 6 Array IR LEDs, IR Distance 80–100 m (262–328 ft)
- 4 Warm Light LEDs, Light Distance 40–50 m (131–164 ft)
- Two-Way Audio with Built-in Microphone & Speaker
- White LED Flash & Voice Siren Alarm
- MicroSD Card Slot, up to 512 GB
- Alarm Input / Output, RJ45 100 Mbps Network Port
- IP66 Water- and Dust-Resistant Housing, 4000 V Lightning Protection
- 12 VDC, 2 A Power Supply • 12 VDC Power Supply, IEEE 802.3af PoE (Optional)

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SPECIFICATIONS

Model	TI-NC426C-IR/20X
Camera	
Image Sensor	1/2.8" Sony IMX335 CMOS
Soc Chip	Sigmastar SSC377D
Effective Pixels	3072(H)×2048 (V)
Exposure Shutter	AUTO/Manual: 1/10s ~ 1/8000s, Max. Shutter speed adjustable
Day/Night	Auto(Active/passive/schedule)/Day/Night, switch threshold, sensitivity
Image Adjust	Brightness,Saturation,Sharpness,Contrast,Denoise (0-100%) adjustable
White Balance	AWB/MWB
WDR	100 dB WDR
Light Mode	Smart(dual-light) / Pure Infrared / Pure White light, adjustable
Light Control	Auto/Manual, Brightness level (0-100%) adjustable
DNR	2D/3D DNR
Encode	
Video Standard	H.264/H.265/MJPEG
Video Resolution	Main Stream: 25fps@6MP(3072x2048),30fps@5MP(2592x1944)/4MP(2560x1440)/3MP(2304x1296)/1080P/720P Sub stream: 10fps@720P,30fps@D1(704x576)/(720x480)/VGA(640x480)/QVGA(640x360)
Video Bitrates	Main stream: 64kbps-8Mbps Sub stream: 64kbps-2048kbps VBR/CBR , quality(1-9), GOP(1-128)
Image Rotation	0 / 90 / 180 / 270 degree adjustable
Border Crop	X crop, Y crop
Image Mirror	horizon / vertical / horizon&vertical adjustable
OSD Overlay	Font size(1-4), position,Time, Title, AM/PM, Color, User OSD, Alarm OSD
Privacy Mask	4 areas
Region of Interest	ROI: Each stream support 8 areas
Audio Standard	G.711-u/G.711-a/AAC/PCM, AEC
Built-in Mic	Yes
Built-in Speaker	Yes
Led	
Light	6pcs Array IR LEDs ,4pcs Warm Light LEDs
Light Distance	IR: 80-100M, Warm Light: 40-50M
Lens	
Focal length	4.7-94mm
IRIS	F1.6-3.5

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Model	TI-NC426C-IR/20X
Lens	
View Angle	64 - 2.9°
Zoom	20X Optical Zoom; Support Auto Tracking
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360°; Tilt: -5° ~ 90°
Preset Point	256
Control Speed	Pan: 0.5° ~ 30° /s; Tilt: 0.5° ~ 30° /s
A-B Scanning	Support
Auto Cruising	Support 8 groups patrol, Max. 16 presets in group
Power on Action	Preset/Scan/Cruise
Power-off Recovery	Support
Smart Tracking	Human Detection Tracking together with patrol
Language	
English, simplified Chinese, Chinese Traditional, Korean, etc.	
Smart Detection	
Motion Detection	Yes
Digital IO Alarm	1 pair Alarm-in/Alarm-out, normally open/normally close
Human & Vehicle Detection	support
Cross Line Detection	support
Perimeter protection	support
Face Detection	support
Target Detection Type	Human Shape, vehicle, non-motor vehicle, Pet, Face (32px-800px)
Trigger Action Linkage	Snapshot, Record, Relay, White LED Flash, Voice siren Micro-SD, Email, FTP, NAS storage (optional)
Simultaneous Detection	Maximum 16 targets simultaneous detection
Storage Type	Schedule/Trigger: Micro-SD(512G) , Email, FTP, NAS
Network Services	
Protocol	HTTP(s)/RTSP/FTP/SMTP/DHCP/NTP/DST/RTP/RTMP/P2P/HiK/IPv4/IPv6/NFS
P2P Mobile APP	Android, IOS
Web Access	IE, Firefox, Chrome, Edge, Safari, etc
PC Tool	Windows, Mac
ONVIF	23.12 compatible (profile S G T M)

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SPECIFICATIONS

Model	TI-NC426C-IR/20X
General	
Network Port	1-RJ45, 100Mbps, POE optional
Power Supply	12 VDC $\pm$ 10%, 2A
Power Consumption	< 22W
Operating Temp	-22°F to 140°F (-30°C to 60°C), 10%–90% RH

DIMENSIONS

