8MP(4K) AI Dome Network Camera

AI Face Detection Human & Vehicle Detection



MODEL _ **TI-NC428-VDZA**



KEY FEATURES

- 4K(8MP 3840 x 2160), 1/2.8" Sony CMOS sensor
- Face Detection,Human&Vehicle Detection, Line Crossing, Area Entry/Leaving Detection, Area Intrusion Detection
- Low illumination 0.01Lux
- Day/Night (ICR), AWB, AGC, BLC, 2D/3D-DNR, IR-CUT
- WDR, Motion Detection, Privacy Mask, Flip
- RTSP and Onvif 23.12 Compatible
- H.265/ H.264 Dual-stream Media Server
- Easy-to-use P2P Cloud Service
- Multi web browser, PC Client, Mobile APP, Remote access
- RJ45 100mbps Network Port, IEEE802.3af PoE
- Strong Water-proof Housing, IP67
- 18pcs SMD IR LEDs, IR Distance 90 ft
- 2.8-12mm motorized Lens
- Two Way Audio (Speaker & Mic)
- With SD Slot & Reset Button

TI-NC428-VDZA

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SPECIFICATIONS

Model	TI-NC428-VDZA
Camera	
Image Sensor	1/2.8" 8MP Sony IMX415 CMOS
Effective Pixels	3840(H)×2160 (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	100db WDR
DNR	2D/3D DNR
Encode	
Video Standard	H.264/H.265/MJPEG
Video Resolution	Main Stream: 20fps@8MP(3840x2160)(default),30fps@6MP(3072x2048)/5MP(2592x1944)/ 4MP(2560x1440)/3MP(2304x1296)/1080P/720P Sub stream: 10fps@720P,30fps@D1(704x576)(default)/(720x480)/VGA(640x480)/QVGA(640x360) Third stream: 10fps@720P(default),30@D1(704x576)/(720x480)/VGA(640x480)/QVGA(640x360) -- (when third stream customized enabled, Face Detection and Perimeter protection will be disabled)
Video Bitrates	Main stream: 64kbps-8Mbps Sub/third 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	Mic & Speaker
Led	
Light	18pcs SMD IR LEDs
Light Distance	787"-1,181" (20-30M)
Lens	
Focal length	2.8-12mm motorized
Language	
English, simplified Chinese, Chinese Traditional, Japanese, Korean, German, Polish, Italian, Turkish, Ukraine, Russian, etc	

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SPECIFICATIONS

Model	TI-NC428-VDZA
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, vehicle, non-motor vehicle, Pet, Face (32px-800px)
Trigger Action Linkage	Snapshot, Record, Relay, Email, FTP, NAS storage (optional)
Simultaneous Detection	Maximum 16 targets simultaneous detection
Storage Type	Schedule/Trigger: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)
General	
Network Port	1-RJ45, 100Mbps, POE optional
Power Supply	12 VDC ± 10%
Power Consumption	< 8 W
Operating Temp.	-4°F ~ 140°F(-20°C-(+60)°C), 10%-90%RH

DIMENSIONS

