

# 4MP EXIR Fixed Dome Network Camera



MODEL **THK-NC324-WDA-2.8**



## KEY FEATURES

- 1/3" Progressive Scan CMOS (2560 x 1440p) @ 30fps
- 2.8mm fixed lens
- Color: 0.01Lux@(F1.2, AGC ON), 0.018Lux-@ (F1.6, AGC ON), 0 Lux with IR
- H.265+, H.265, H.264+, H.264
- Three streams
- 120dB WDR
- 2 Behavior analyses, and face detection
- BLC / 3D DNR / ROI
- IP67
- Built-in micro SD/SDHC/SDXC card slot, up to

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### SPECIFICATIONS

Model	THK-NC324-WDA-2.8
<b>Camera</b>	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 lux @ (F1.2, AGC ON), 0.018 lux @ (F1.6, AGC ON), 0 lux with IR
Shutter Speed	1/3s to 1/10,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut lter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
<b>Lens</b>	
Focal Length	2.8 mm
Aperture	F1.6
Focus	Manual
FOV	2.8mm: horizontal FOV: 98°, vertical FOV: 55°, diagonal FOV: 114° 4mm: horizontal FOV: 78°, vertical FOV: 42°, diagonal FOV: 93°
Lens Mount	M12
<b>IR</b>	
IR Range	Up to 30 m
Wavelength	850 nm
<b>Compression Standard</b>	
Video Compression	Main stream: H.265 / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264
H.264 Type	Main Prole / High Prole
H.264+ Type	Main stream and sub-stream support
H.265 Type	Main Prole
H.265+ Type	Mian stream and sub-stream support
Video Bit rate	32 Kbps to 16 Mbps
<b>Smart Feature-set</b>	
Behavior Analysis	Line crossing detection, intrusion detection
Face Detection	Yes
Region of Interest	1 xed region for main stream and sub-stream
<b>Image</b>	
Max. Resolution	2560 x 1440
Main Stream	50Hz:25fps (2560x1440, 2304x1296, 1920x1080), 60Hz:32fps (2560x1440, 2304x1296, 1920x1080)

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Model	THK-NC324-WDA-2.8
<b>Image</b>	
Sub Stream	50Hz:25fps (640x480, 640x360, 320x240), 60Hz:30fps (640x480, 640x360, 320x240)
Third Stream	50Hz:25fps (1280x720, 640x360, 352x288), 60Hz:32fps (1280x720, 640x360, 352x240)
Image Enhancement	BLC/3D DNR
Image Setting	Rotate mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Day / Night Switch	Auto / Schedule
<b>Network</b>	
Network Storage	Support Micro SD/SDHC/SDXC card (128GB), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-licker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect, iVMS-5200
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
<b>Image</b>	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
<b>Interface</b>	
Communication Interface	1 RJ-45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes
<b>Interface</b>	
Operating Conditions	-22 °F – 140 °F, Humidity 95% or less (non-condensing)
Power Supply	12VDC ± 25%, Ø5.5mm coaxial power plug, PoE (802.3af, class 3)
Power Consumption	12VDC, 0.5A, max. 6W
Current	PoE (802.3af, 37V to 57V), 0.2A to 0.1A, max. 9.5W

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Model	THK-NC324-WDA-2.8
Interface	
Protection Level	IP67, TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	Metal
Dimensions	Camera: $\Phi 5.0'' \times 3.8''$ Package: $5.9'' \times 5.9'' \times 5.6''$
Weight	Camera: Approx. 1.3lb. With Package: Approx. 1.9lb.