

THK-NCA12E-FEA

12 MP Network Fisheye Camera



KEY FEATURES

- 1/1.7" (12 MP) Progressive Scan CMOS
- 4000 x 3000 Resolution @ 20 fps
- Up to 50 ft (15 m) IR Range
- 360° Viewing Angle
- Multiple Viewing Modes
- Multiple ePTZ Streams with Preset and Patrol
- Ceiling, Wall, or Table Mount Modes
- Alarm and Audio Inputs and Outputs
- IP67 and IK10 Protection
- 12 VDC and PoE (802.3af), 12 W
- Built-in Heater

THK-NCA12E-FEA		
Camera	Image sensor	1/1.7" progressive scan CMOS
	Minimum Illumination	Color: 0.082 lux@(f/2.8, AGC on), B/W: 0.016 lux@(f/2.8, AGC on), 0 lux with IR
	Shutter Speed	1 to 1/100,000 s
	Slow Shutter	Supported
	Lens	2 mm, f/2.8; horizontal field of view: 180° (wall mount), 360° (ceiling mount), 360° (table mount)
	Lens Mount	M12
	Day/Night	IR cut filter
	Digital Noise Reduction	3D DNR
	WDR	DIGITAL WDR
Compression Standard	Video Compression	Main stream: H.265+/H.265/H.264+/H.264; sub stream: H.265/H.264/MJPEG
	H.264 Type	Type Baseline profile/main profile/high profile
	H.264+	Main stream supported
	H.265 Type	Main profile
	H.265+	Main stream supported
	Video Bit Rate	32 Kbps to 16 Mbps
	SVC	H.265 and H.264 supported
IR	IR Range	Up to 50 ft (15 m) with 3 LEDs. Each LED is controlled independently
	Wavelength	850 nm
Image	Maximum Resolution	4000 x 3000
	Main Stream	20 fps (4000 x 3000), 30 fps (3000 x 3000, 2560 x 2560)
	Sub Stream	20 fps (720 x 720, 640 x 480)
	Image Enhancement	BLC, HLC, defog, 3D DNR
	Image Setting	Saturation, brightness, contrast, sharpness, AGC and white balance are adjustable by client software or web browser
	Day/Night Switching	Day/night/auto/schedule/triggered by alarm in
Live View Display	Picture Overlay	Logo picture can be overlaid on video with 128 x 128 24-bit bmp format
	Mount Type	Table, wall and ceiling mounts
	Decoding Mode	Decoding Mode Hardware and software decoding
	Display Mode	Total of 18 display modes supported: Software Decoding: Ceiling Mount: Fisheye View, 180° Panorama View, 360° Panorama View, 360° Panorama + PTZ, 360° Panorama + 3 PTZ, 360° Panorama + 6 PTZ, 360° Panorama + 8 PTZ, 2 PTZ, 4 PTZ, Fisheye + 3 PTZ, Fisheye +8 PTZ, Hemisphere, AR Hemisphere, Cylinder Wall Mount: Fisheye View, Panorama View, Panorama + 3 PTZ, Panorama + 8 PTZ, 4 PTZ, Fisheye + 3 PTZ, Fisheye +8 PTZ Table Mount: Fisheye View, 180° Panorama View, 360° Panorama View, 360° Panorama + PTZ, 360° Panorama + 3 PTZ, 360° Panorama + 6 PTZ, 360° Panorama + 8 PTZ, 4 PTZ, Fisheye + 3 PTZ, Fisheye + 8 PTZ, Cylinder Hardware Decoding: Ceiling Mount: Fisheye View, 180° Panorama View, Panorama View, 4 PTZ, Fisheye + 3 PTZ, 4 PTZ Fusion Wall Mount: Fisheye View, 180° Panorama View, Panorama View, 4 PTZ, Fisheye + 3 PTZ, 4 PTZ Fusion Table Mount: Fisheye View, 180° Panorama View, Panorama View, 4 PTZ, Fisheye + 3 PTZ, 4 PTZ Fusion

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Audio	Environment Noise Filtering	Supported
	Audio Sampling Rate	8 kHz / 16 kHz
	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
	Audio Bit Rate 6	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)
Smart Features	Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
	Exception Detection	Audio exception detection
	Region of Interest	Four fixed regions for main stream and sub-stream
Network	Network Storage	Supports MicroSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR
	Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflicted, illegal login, HDD full, HDD error
	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
	Security Measures	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF
	General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
	Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
	Simultaneous Live View	Up to 20 channels
	User/Host	Up to 32 users. 3 user levels, administrator, operator and user
	Client	iVMS-4200, Hik-Connect
	Web Browser	IE 8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	Communication Interface	One RJ45 10M/100M/1000M self-adaptive Ethernet port
	Audio	One audio input (line in, 3.5 mm), one audio output (line out, 3.5 mm); two built-in microphones, one built-in speaker, mono sound
	Alarm	1-ch alarm input, maximum 12 V; 1-ch alarm output, maximum 24 VDC, 1 A
	On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB
	Reset Button	Yes
General	Operating Conditions	-40° to 140° F (-40° to 60° C); humidity 95% or less (non-condensing)
	Power Supply	12 VDC ± 20%, PoE (802.3af, class 0), two-core terminal block
	Heater	Built In
	Power Consumption	12 VDC, 0.9 A, maximum 11 W, PoE (802.3af, 36 to 57 V), 0.3 A to 0.2 A, maximum 12 W
	Protection	IP67, IK10
	Material	Metal
	Dimensions	6.6" x 6" x 2.2" (167.4 mm x 152.8 mm x 55 mm)
	Weight	3.09 lbs (1.40 kg)

DIMENSIONS

