

HC-IPC-T4212-4XVF-EX



Product Features

- ≥ Supports deep algorithm learning to improve the performance of intelligent event algorithms
- ≥ Resolution up to 2MP (1920x1080), Output Full HD 1920 x 1080@30fps Live Image
- ≥ Support H.265/H.264/MJPEG Video Compression Algorithm, Multi-level Video Quality Configuration and Encoding Complexity Settings
- ≥ Starlight Low Illumination 0.005Lux/F1.6(color), 0.001Lux/F1.6(B/W), 0 Lux with IR
- ≥ 4X Optical Zoom
- ≥ Support mobile detection; Support 3-stream Technology, each stream can be independently configured with resolution and frame rate
- ≥ ICR automatic switching, 24 hours day and night monitoring
- ≥ Support Backlight Compensation, Automatic Electronic Shutter, adapt to different monitoring environment
- ≥ Support 30 Digital Noise Reduction, High light Suppression, Electronic Image Stabilization, 12008 Optical Wide Dynamic
- ≥ Support 255 Preset, 8 patrols: Support Timed Capture and Event Capture; Support One click watch and One-click cruise functions
- ≥ Support 1 audio input and 1 audio output; Built-in 1 alarm input and 1 alarm output, support alarm linkage function; ONVIF
- ≥ IR-Cut Removable (ICR) Filter for Day/Night switching High-efficiency infrared/white light array lamp, low thermal energy, low power consumption, infrared distance up to 60m



An ISO 9001:2008 Certified Company

Specifications :

CAMERA

Image Sensor	1/3" Progressive Scan CMOS
Minimum illumination	Color: 0.005 Lux @ (F1.6, AGC ON); B/W: 0.001Lux @ (F1.6, AGC ON)
Shutter	1/25s to 1/100,000s; Supports delayed shutter
Auto iris	DC
Day/Night Switch	IR cut filter
Digital Zoom	16X

LENS

Focal Length	2.8-12mm, 4X Optical Zoom
Aperture Range	F1.6-F2.5
Horizontal Field of View	33-8.43" (wide-tele)
Minimum Working Distance	100mm-1500mm (wide-tele)
Zoom Speed	Approximately 1.5s(optical lens, wide to tele)

COMPRESSION STANDARD

Video Compression	H.265/H.264/MJPEG
H.265 Type	Main Profile
H.264 Type	Baseline Profile/Main Profile / High Profile
Video Bitrate	32 Kbps 16Mbps
Audio Compression	G.711a/G.711u/G.722.1/G.726/MP2L2/AAC/PCM
Audio Bitrate	64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/ 32-192Kbps (MP2L2)/16-64Kbps (AAC)

IMAGE (MAXIMUM RESOLUTION: 2560X1440)

Main Stream	30fps (1920x1080, 1280x960, 1280x720)
Sub stream	30fps (1280x960, 1280x720)
Third Stream	30fps (704x576)



An ISO 9001:2008 Certified Company

Image Settings	Corridor mode, saturation, brightness, contrast, sharpness adjusted by IE/Client
BLC	Supported
Exposure Mode	AE/Aperture Priority/Shutter Priority/Manual Exposure
Focus Mode	Auto Focus/One Focus/Manual Focus/Semi-Auto Focus
Area Exposure/Focus	Supported
Optical Fog	Supported
Image Stabilization	Supported
Day/Night Switch	Automatic, manual, timing, alarm trigger
3D Noise Reduction	Supported
Picture Overlay Switch	Support BMP 24-bit image overlay, customizable area
Region of Interest	ROI supports three streams and four fixed areas

NETWORK

Storage Function	Support USB extend Micro SD/SDHC/SDXC card (256GB) disconnected local storage, NAS (NFS, SMB/CIFS support)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, IPv6
Interface Protocol	ONVIF PROFILE S, PROFILE G

INTERFACE

External Interface	36pin FFC (Network port, RS485, RS232, SDHC, Alarm In/Out, Line In/Out, power)
--------------------	--------------------------------------------------------------------------------

GENERAL

Power	DC 12V±25%
Dimensions (LxWxH)	185x179x174mm



An ISO 9001:2008 Certified Company

Net Weight	≤5.5kg
Material	Stainless Steel 316L
Working Environment	-40°C~60°C, Humidity: ≤100% RH (non-condensing)
Storage Environment	-40°C~60°C, Humidity: ≤100% RH (non-condensing)
Surge Protection	2KV
Ingress Protection	IP68
Inlet Hole Specification	1 Entry hole G3/4"
Installation Method	Wall or column platform installation
Infrared Distance	60m
Protection	IKO8, IP68



An ISO 9001:2008 Certified Company