Tiandy

TC-R3104 Spec:I/B/P4/C/Eu/L/S/V2.0

1HDD 4ch PSE NVR

AK Series



KEY FEATURES

- Up to 4-ch IP camera accesses
- Incoming/Outgoing bandwidth: 60Mbps/40Mbps
- S+265, H.265, S+264, H.264 video formats
- Max. decoding capability: 6MP(30fps)×1 or 1080P(30fps)×4
- 4-ch synchronous playback
- Up to 6 TB capacity for each HDD
- Simultaneous HDMI and VGA outputs
- HDMI output at up to 1080P resolution
- 1×RJ-45, 10/100 Mbps self-adaptive Ethernet port
- PoE interface, 4×RJ45, 10/100 Mbps self-adaptive Ethernet port
- S+ 265 compression effectively reduces the storage space by up to 75%
- Support cloud upgrade

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SPECIFICATIONS

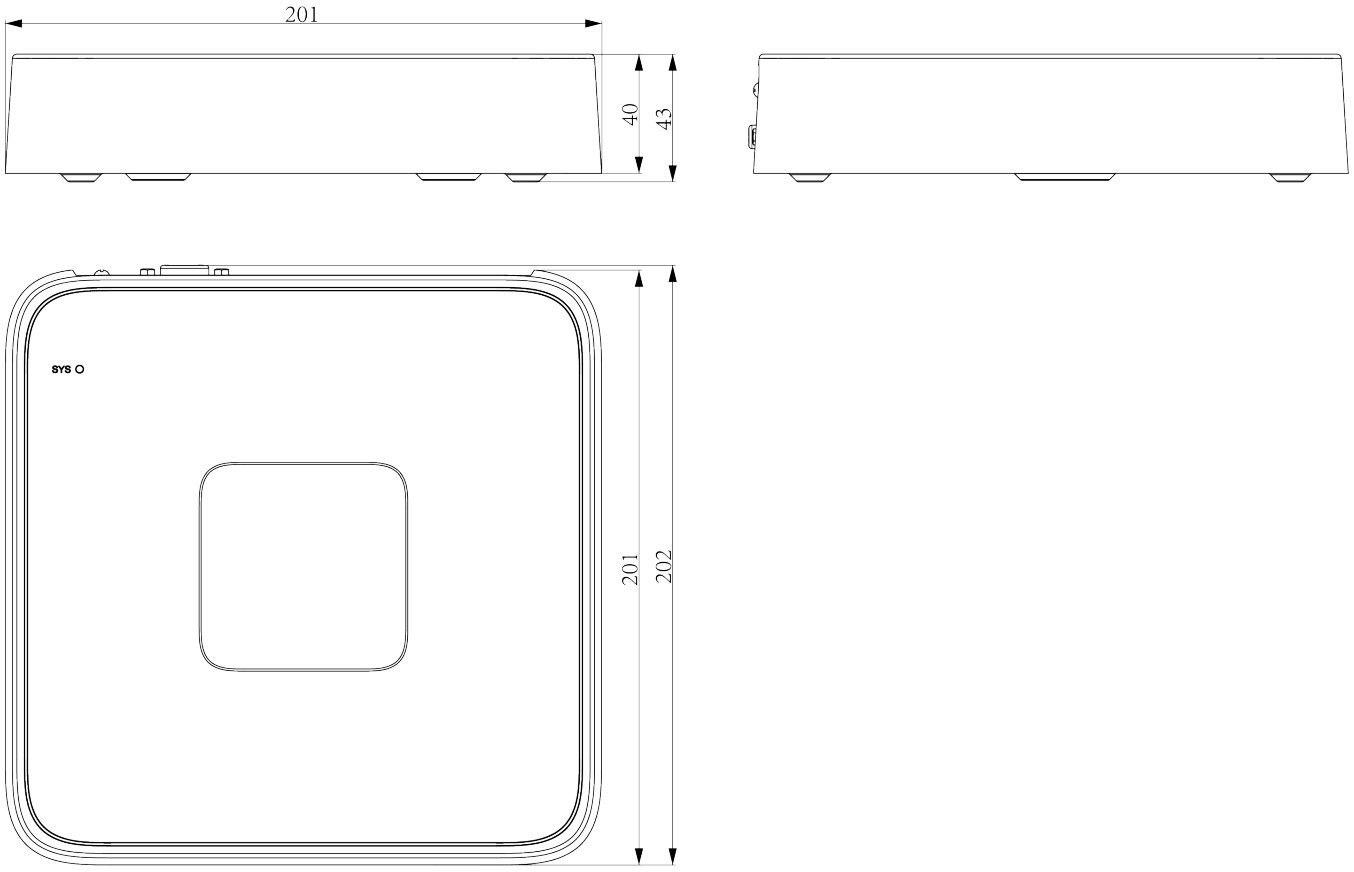
Video and Audio	
Access Channel	4
Incoming Bandwidth	60Mbps
Outgoing Bandwidth	40Mbps
Resolution	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×4, 4CIF(30fps)×4
Playback Decoding Capability	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×1, 3MP(30fps)×2, 1080P(30fps)×3, 720P(30fps)×4, 4CIF(30fps)×4
Third-party Camera Access	ONVIF; RTSP
HDMI Output	HDMI: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)
VGA Output	VGA: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)
Multi-screen Display	Simultaneous Output: VGA: 1/2/3/4 HDMI: 1/2/3/4
Compression	
Video	S+265; H.265; S+264; H.264
Audio	G711A; G711U; ADPCM_DIV4
Stream Type	Video; Video & Audio
Network	
Network Protocol	ARP; DDNS; DHCP; DNS; Easy DDNS; HTTP; ICMP; IGMP; IPv4; IPv6; NTP; RTCP; RTP; RTSP; SSH; TCP/IP; UDP; Unicast; UPnP
Mobile Phone Access	Android; iOS; P2P
System Compatibility	CGI; SDK
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Record Playback	
Multi-channel Playback	4
Record Mode	Alarm Recording; Schedule Recording
Storage Method	Local HDD
Backup	USB storage device
Playback Function	Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full Screen/Backup (Video Editing)/Digital Zoom
Alarm	
General Alarm	Motion Detection; Mask Alarm; Alarm Input(IPC)
Exceptions Alarm	Video Loss; IP Conflict; MAC Conflict; Network Disconnected; No Disk; Illegal Access; Disk Full; Disk R/W Error; Recording Abnormal; Abnormal found in smart of disk; Abnormal temperature of the disk; PoE Overload; Voltage Alarm(IPC); RTC Failure
Intelligent Analytics	
AI by Camera	Smart Motion
Storage	

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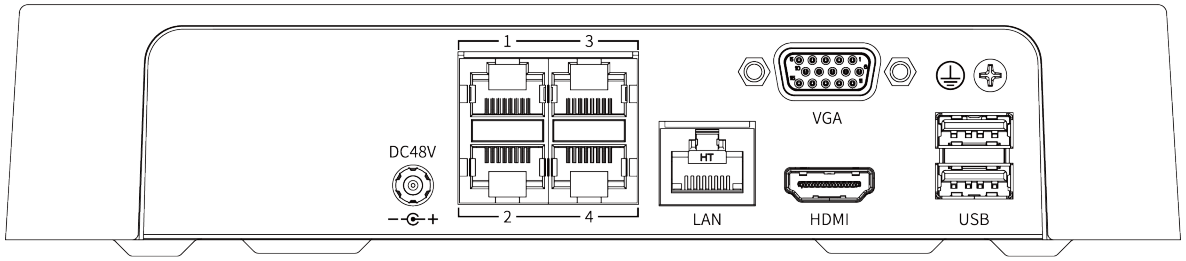
HDD Capacity	Up to 6 TB capacity for each HDD
External Port	
USB	2×USB2.0
HDMI	1×HDMI
VGA	1×VGA
Network Interface	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port
SATA	1×SATA interface
PoE	
PoE Interface	4×RJ45, 10/100 Mbps self-adaptive Ethernet port
PoE Budget	28W
Power per PoE Port	28W
Standard	IEEE 802.3 af/at
General	
UI Language	English; Spanish; Italian; Turkish; French; Polish; Dutch; Hebrew; German; Portuguese
Power Supply	DC48V 1A
Power Consumption	<10W(without HDD&without PoE)
NetWeight	0.44kg
GrossWeight	0.81kg
Boundary Dimensions	200(L)200(W)43(H)mm
Package Dimensions	315(L)70(W)235(H)mm
Operating Temperature	-10°C~+55°C (+14°F~+131°F)
Operating Humidity	10%~90%RH (non-condensing)
Storage Temperature	-20°C~+60°C (-4°F~+140°F)
Package Kit	Network Video Recorder; Screw Pack; Mouse; European Standard Power Adapter

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DIMENSIONS (Unit: mm)



Physical Interfaces



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TC-C341N 1ANA-4

Bullet Camera

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KEY FEATURES

- Plastic housing
- Up to 4MP,2560×1440@30fps
- S+265/H.265/H.264B/H.264M/H.264H
- Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR
- IR range up to 30m
- 1×Built-in Mic
- Operating conditions -30°C~60°C(-22°F~140°F), ≤95%RH
- PoE:IEEE 802.3af,Max. 2.5W
- IP67

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SPECIFICATIONS

Camera	
Image Sensor	1/3"CMOS
Min. Illumination	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR
Shutter Time	1s~1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
Smart IR	Yes
WDR	DWDR
S/N	>52dB
Angle Adjustment	0~360°(P); 0~80°(T); 0~360°(R)
Lens	
Lens Type	Fixed focal lens
Focal Length	4mm
Lens Mount	M12
Aperture Range	F1.6
Aperture Type	Fixed
Field of View	79°(H); 42.2°(V); 91°(D)
DORI Distance	Detect:80.0m Observe:31.8m Recognize:16.0m Identify:8.0m
Illuminator	
IR LEDs	2
IR Distance	Up to 30m
Wavelength	850nm
White LEDs	2
Whitelight Distance	Up to 15m
Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H
Video Bit Rate	32k~6Mbps
Audio Compression	G.711A/G.711U
Audio Sampling Rate	8kHz
Image	
Max. Resolution	4MP,2560×1440@30fps
Main Stream	PAL:25fps(2560×1440, 2304×1296, 1920×1080, 1280×720) NTSC:30fps(2560×1440, 2304×1296, 1920×1080, 1280×720)
Sub Stream	PAL:25fps(704×576, 704×288, 640×360, 352×288) NTSC:30fps(704×480, 704×240, 640×360, 352×240)
BLC	Yes

HLC	Yes
AGC	Yes
3D DNR	Yes
White Balance	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
OSD	Overlay of additional characters in 1 regions, 1 line, with a maximum of 48 characters; 16*16/32*32/48*48/64*64; Lattice
Privacy Mask	4 black static areas
Defog	Yes
Feature	
General Alarm	Motion Detection
Exceptions Alarm	IP Address Conflict
Network	
Protocols	RTSP; HTTP; TCP; UDP; ICMP; DHCP; DNS; NTP; IPv4; SSH; Unicast
System Compatibility	ONVIF(Profile S/T) ; SDK; CGI; Milestone
Remote Connection	⩽2
Client	Easy7 VMS
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Interface	
Communication Interface	1×RJ-45 (10/100 Base-T)
Built-in Mic	1×Built-in Mic
General	
Web Client Language	English
Operating Temperature	-30°C~60°C(-22°F~140°F)
Operating Humidity	⩽95%RH
Storage Temperature	-30°C~60°C(-22°F~140°F)
Storage Humidity	10%~95%RH(non-condensing)
Power Supply	PoE:IEEE 802.3af,Max. 2.5W
Protection	Surge4000V; ESD6000V; IP67
Boundary Dimensions	140(L)60(W)60(H)mm
Package Dimensions	155(L)75(W)85(H)mm
GrossWeight	0.2kg
NetWeight	0.15kg

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DIMENSIONS (Unit: mm)

