Tiandy

TC-R3108 Spec: I/B/P8/C/Eu/L/S

H.265 1HDD 8ch PSE NVR

AK Series



KEY FEATURES

HD Input
- Plug and play
- S+265/H.265/S+264/H.264 video formats
- Connectable to the third-party network cameras
- Up to 8-channel input
- 8 PoE ports
- Supports live view, storage, and playback of the connected camera at up to 6MP resolution

HD Output
- 1×HDMI output
- HDMI Video output at up to 4K resolution

HD Storage
- 1 SATA interfaces, up to 6TB for each HDD
- S+265 compression effectively reduces the storage space and costs by up to 75%

HD Transmission
- 1×RJ45 self-adaptive 10/100 Mbps network interface
- PoE Port: 8×RJ45 self-adaptive 10/100 Mbps network interfaces

Various Applications
- Centralized management of IP cameras, including configuration, information import/export, real-time information display, upgrade, etc.
- Connectable to smart IP cameras from Tiandy and the recording, playing back, and backing up
- Support cloud upgrade

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SPECIFICATIONS

Video and Audio	
Access Channel	8
Incoming Bandwidth	60Mbps
Outgoing Bandwidth	40Mbps
Resolution	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview decoding capability	6MP*1,5MP*1,4MP*2,3MP*2,1080P*4,720P*8,4CIF*8
Playback decoding capability	6MP*1,5MP*1,4MP*1,3MP*2,1080P*3,720P*4
Video Output	1*HDMI
HDMI Output	HDMI:1024*768(60Hz),(720P)1280*720(50Hz/60Hz),1280*800(60Hz), 1440*900(60Hz),(1080P)1920*1080(50Hz/60Hz),(4K)3840*2160(30Hz)
VGA Output	N/A
Multi-screen Display	1/3/4/5/6/7/8/9
Third-party Camera Access	ONVIF;RTSP
Audio Input	N/A
Audio Output	N/A
Two-Way Audio	N/A
Liveview display	N/A
Compression	
Video	S+265;H.265;S+264;H.264
Audio	G711A;G711U;AAC;ADPCM_DIV4
Stream Type	Video;Video & Audio
Network	
Network Protocol	ARP;DDNS;DHCP;DNS;HTTP;ICMP;IGMP;IPv4;IPv6;NTP;RTCP;RTP;RTSP;SSH;TCP/IP; UDP;UPnP
Mobile Phone Access	Android;iOS;P2P_A
System Compatibility	CGI;SDK
Web	IE10+;Firefox52+;Edge89+;Safari11+;Chrome57+
Record Playback	
Multi-channel Playback	4
Record Mode	alarm recording;Schedule recording
Storage	Local HDD
Backup	USB storage device
Playback Function	Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full screen/backup (video Editing)
Alarm	
General Alarm	Motion;Mask Alarm;Video Loss
Alert Alarm	IP Conflict;MAC Conflict;Network Disconnected;No disk;Illegal Access;Disk Full;Disk R/W error;Video Abnormal;Abnormal found in smart of disk;Abnormal temperature of the disk;POE overloaded;IPC voltage abnormal;RTC failure

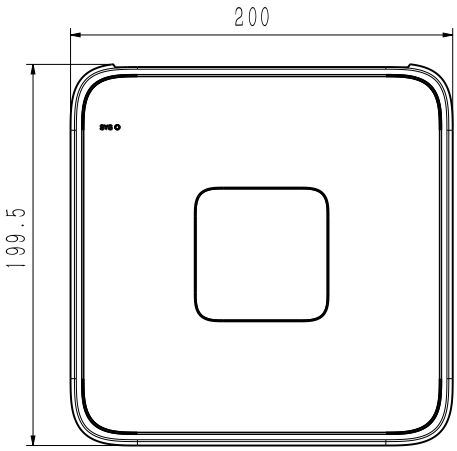
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Intelligent Analytics	
VCA Detection by Camera	Advanced Intelligence
VCA Search	N/A
Face Detection by Camera	
Performance	N/A
Face Attributes	N/A
Face Picture Library	N/A
Face Picture Comparison	N/A
External Port	
HDD	1 SATA ports,up to 6TB for a single HDD. The maximum HDD capacity varies with environment temperature
Disk Group	N/A
RAID	N/A
eSATA	N/A
USB	2*USB2.0
HDMI	1*HDMI
VGA	N/A
RJ-45	1*RJ-45,10/100 Mbps self-adaptive Ethernet port
SATA	1 SATA interface
RS232	N/A
RS485	N/A
Alarm I/O	N/A
POE	
POE Interface	8×RJ45 self-adaptive 10/100 Mbps network interface
POE Gross Power	45W
Power per POE Port	30W
Max Current per POE Port	600mA
General Parameter	
UI Language	English;Spanish;Italian;French;Dutch;German;Portuguese
Power Supply	DC48V 1.35A
Power Consumption	＜10W(without HDD&without POE)
NetWeight	0.45kg
GrossWeight	0.85kg
Boundary Dimensions	200(L)200(W)43(H)mm
Package Dimensions	315(L)70(W)235(H)mm
Operating Temperature	-10°C～+55°C
Operating Humidity	10%~90%RH
Storage Temperature	-10°C～+55°C
Storage Humidity	10%~90%RH
Package Kit	Network Video Recorder;Screw pack;Mouse;Power adapter

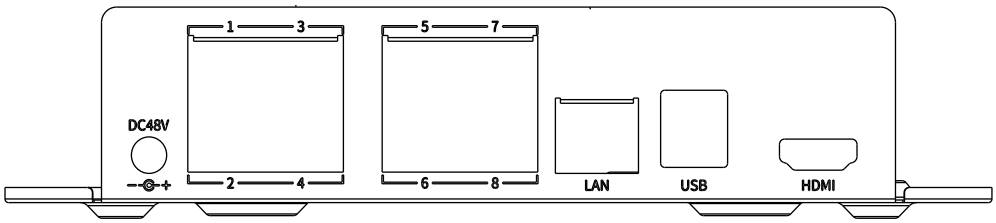
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DIMENSIONS (Unit: mm)





Physical Interfaces



DISTRIBUTED BY

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