



Description

This product is a 16-channel dual-network port intelligent hard disk recorder that supports 16 channels of 4K camera input and output. It supports intelligent features such as: boundary detection, vehicle wrong-way driving, personnel off-duty, personnel loitering, area intrusion, and illegal parking of vehicles. It supports voice alarm functionality in multiple modes. It also allows modification of the lighting mode of IPC under proprietary protocols. The product supports online upgrades and USB flash drive upgrades for cameras, accommodates 1x 16TB hard drives, has 1 HDMI and 1 VGA output interface, 2 USB interfaces, and supports mobile monitoring.

Features

- *Supports access to 16-channel cameras (8MP/D1+16-channel preview+9-channel playback);
- *Supports Smart265 , H.265 and H.264 three - stream decoding ;
- *Supports synchronous recording, remote monitoring, and backup recording in MP4 format, which can also be viewed on mobile phones;
- *Supports VGA/HDMI synchronous output;
- *Supports electronic zooming of preview and playback images;
- *Supports standard ONVIF, RTSP, GB28181 protocols;
- *Supports RTMP streaming;
- *Supports alarm capture and alarm email sending functions;
- *Supports DDNS, UPNP and other functions;
- *Supports WEB, mobile phone monitoring, and IMS client monitoring;
- *Supports SMART IPC behavior analysis: boundary detection, vehicle wrong-way driving, personnel off-duty, personnel loitering, area intrusion, and illegal parking of vehicles ;
- *Supports channel patrol grouping;
- *Supports network detection (network traffic monitoring, network packet capture, network unobstructed) functions;
- *Supports 4 -channel 1080P video synchronous playback;
- *Supports 16-channel 4K decoding and 4K display output;
- *Supports manual and automatic addition of IPC in LAN;
- *Supports online upgrade and USB flash drive upgrade IPC;
- *Supports private protocol IPC maintenance, including IPC default restoration, restart, and full network access on and off;
- *Supports the function of re-recording when the network is disconnected;
- *Supports selection of video stream mode;
- *The device output has 6 video modes, and the output forms in different working modes are:
 - ① 1-split mode: supports 1-channel 4K signal decoding output;
 - ② 4-split mode: supports 4-channel 1920 × 1080@60 signal output simultaneously;
 - ③ 6-split mode: supports 1-channel 4MP + 5-channel D1 signal output simultaneously;
 - ④ 8-split mode: supports 1-channel 4MP + 7-channel D1 signal output simultaneously;
 - ⑤ 9-split mode: supports 9-channel D1 signal output simultaneously;
 - ⑥ 16-split mode: supports 16-channel D1 signal output simultaneously .



Hard disk video recorder

TZ-QWKSM

Specification

System structure	Embedded LINUX design, pure hardware decoding, watchdog, hard disk storage, HDMI high-definition display, IP network video access
Network video input bandwidth	Access bandwidth 80Mbps
Video output	1-channel HDMI output, 1-channel VGA output, same source as HDMI; resolution: 3840×2160, 1920×1080, 1440×900, 1280×1024, 1280×800, 1024×768 Supports IMS client preview; support APP instant preview Supports multi-screen split; 1/2/4/6/8/9/10/16 screen real-time preview
Video resolution	Supports 720P/960P/1080P/3MP/4MP/5MP/4K
Video decoding parameters	Support Smart265/H.265/H.264 decoding; NVR synchronous playback 4 channels (1*4K); IMS client remote video playback supports up to 4 channels
Audio	Standard G.711; supports HDMI audio output, supports audio output (3.5mm jack), supports audio input (3.5mm jack), supports IMS client audio and video preview and playback
Storage management	1 SATA interface, each interface supports hard disks with a maximum capacity of 16TB; supports timed recording, alarm recording, timed and alarm recording; alarm recording includes (motion detection, human detection, boundary detection, vehicle wrong-way driving, personnel off-duty, personnel loitering, area intrusion, and illegal parking of vehicles); supports external USB storage device (such as ordinary U disk, mobile hard disk) backup
User management	Local support for up to 32 users
Network interface	1 RJ45 Ethernet interface, support 10/100M adaptive; support TCP/IP, IPv4, DHCP, NTP, RTSP, ONVIF, P2P, SMTP, GB28181 and other network protocols
Front panel	Supports 3 status indicators: power, video, and network transmission
Buzzer	Supports buzzer alarm
Service function	Supports preview/recording/forwarding/remote service, supports alarm linkage, supports IMS client remote monitoring software; support P2P cloud service
Rated power consumption	DC +12V/2A power input, ≤2W power consumption (excluding hard disk)
Operating temperature/humidity	-10°C ~ +55°C/10% ~ 90%
Dimensions (mm)	Size 210*255*42mm (W×D×H), supports wall hanging;