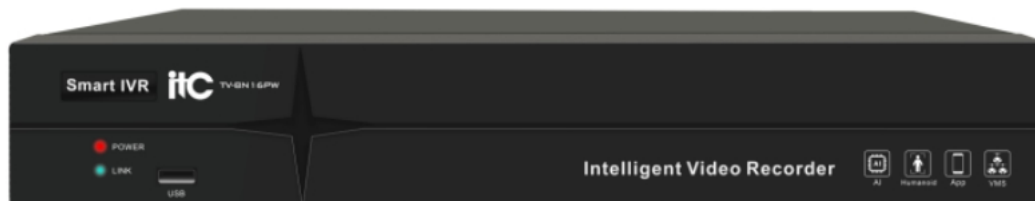




## Hard disk video recorder

### TV-8N16PW



## Description

This product is a 16-channel POE intelligent DVR (Digital Video 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 2x 16TB hard drives, has 1 HDMI and 1 VGA output interface, 3 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, NTP, P2P 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 9 -channel 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

## TV-8N16PW

### 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	150Mbps
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; supports 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	Supports H.265+/H.265/H.264 decoding; NVR synchronous playback 9 channels (1*4K); IMS client remote video playback supports up to 4 channels
Audio	Standard G.711; supports HDMI audio output, 3.5mm audio input and output jack, and IMS client audio and video preview and playback
Storage management	2 SATA interfaces, 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, cross-border detection, area intrusion, personnel stay, personnel leave, vehicle illegal parking, vehicle reverse); 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/1000M adaptive; support TCP/IP, IPv4, DHCP, NTP, RTSP, ONVIF, P2P, SMTP, GB28181 and other network protocols
POE interface	16-channel, 10/100Mbps adaptive network port; single port maximum 15.4W (IEEE802.3af), single port maximum 30W (IEEE802.3at); POE output voltage DC48V
Peripheral interface	3 USB2.0 ports (2 at the rear, 1 at the front); support mouse, USB upgrade, import and export
Front panel	2 status indicators for power supply and network transmission
Business functions	Support preview/recording/forwarding/remote service, support alarm linkage, support IMS client remote monitoring software; support P2P cloud service
Rated power consumption	DC 52V4.62A power input, ≤200W power consumption
Operating temperature	-10°C ~ +55°C
Operating humidity	10% ~ 90%
Dimensions (mm)	243×326×52mm (W×D×H), supports wall mounting