

Z85128NTR

128-Channel 4K H.265+ Network Video Recorder



- H.265+/H.265/H.264 decoding
- Support 128-channel 4K IP cameras input
- Support 16 channels real-time playback synchronously
- HDMI output up to 4K high definition
- Intelligent video analytics functions (up to IPC)
- DHCP, DNS, DDNS, NTP, UPNP, RTSP, etc.
- Support multiple web browsers login
- P2P cloud service supported
- ONVIF Profile S compatible

System Overview

NVR of the Z8000NTR series could deliver up to 4K resolution excellent image over advanced H.265+ decoding. It's an ideal consideration for the balance of quality, performance, and budget.

The user-friendly GUI provides intuitive shortcut operations, remote control, management, flexible storage, and playback. Powered by the reliable interoperability and ONVIF Profile S, it's compatible with plenty of 3rd-party IPC or crossing platform VMS. The devices can be used in governmental institutions, bank sectors, manufacturers, educational or commercial projects.

Functions

- IVA functions supported (Intelligent Video Analytics) such as Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene Change / VQD, etc. (up to IPC)
- User-friendly & full function VMS / Mobile App
- Alarm events linkage actions such as email, audio, buzzer and alarm push message to Mobile App and VMS

Technical Parameters

Model	Z85128NTR
System	
Main Processor	Multi-core embedded processor
Operating System	Embedded LINUX

Video and Audio	
Max IPC Input	128CH
Two-way Talk	Support
Audio Compression	G.711u
Live View	
Display Split	1/4/6/8/9/16/36/64/128 CH
Resolution	8MP(3840*2160) / 5MP(2592*1944) / 2MP(1920*1080) / 1.3MP(1280*1024) / 1MP(1280*720) / D1(1024*768)
Live View Capability	36CH@D1(25/30fps)
Recording	
Video Compression	H.265+ / H.265 / H.264
Recording Resolution	8MP/5MP/4MP/3MP/1080P/960P/720P/D1
Max. Decoding Capability	36CH@D1(25/30fps)
Incoming Bandwidth	640 Mbps
Bit Rate	Main Stream: 256Kbps ~ 8192Kbps
	Sub Stream: 50Kbps ~ 700Kbps
Record Mode	Schedule, Manual, Motion Detection, IVA Events Alarm
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Playback and Backup	
Playback Channel	16CH
Search Mode	Time/ Date, Alarm Types, IVA Search, Face Retrieval
Playback Function	Play, Stop, Play Forward, Play Backward, 30 Seconds Forward, 30 Seconds Backward, Fast Play, Slow Play, Single Frame Play, Hide/Show Time Bar, Backup, Snapshot, Full Screen
Backup Mode	USB Device / Network Remote
IVA Alarm	
Local IVA Functions	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene Change / VQD
Regular Detection	Motion Detection / Video Shelter / Video Loss
AI Search	Support search target video by multiple intelligent conditions
Network	
Network Protocol	TCP/IP, HTTP, DDNS, SMTP(SSL), DHCP, PPPoE, UPnP, NTP, P2P
Max. Online User	5
Web Browser	Internet Explorer
Operation System	Windows
Management Platform	AntarVis 2.0
Mobile Application	AntarView Pro (iOS & Android)
P2P Cloud Service	Support
Interoperability	ONVIF Profile S, SDK, CGI, API

Storage & Auxiliary Interface

SATA Ports	16 SATA Ports, up to 8 TB capacity
eSATA	N/A
Raid 0/1/5/6/10	Support
HDMI	2*HDMI (4K)
VGA	2*VGA (1080P)
Network Interface	1 RJ-45 Port (1,000Mbps)
PoE Ports	N/A
USB	2*USB 2.0, 1*USB 3.0
Audio Input/Output	1/1
Alarm Input/Output	4/4
RS-485	Support

Power

Power Supply	AC100~240V, 47Hz~63Hz
Power Consumption	50W(Without HDD)

General

Casing	3U
Working Temperature	-10°C ~ 55°C / 14°F ~ 131°F
Working Humidity	10% ~ 90%
Dimensions (L*W*H)	430 * 483 * 143 (mm)
Net Weight	18.5kg (without HDD)
Gross Weight	19kg (without HDD)

Order Information

Name	Model	Description
NVR	Z85128NTR	128CH H.265+ NVR, 16SATA

Dimensions (mm)

