

# Z8504NER-4P/Z8508NER-8P | BioEco Series

## 4/8-Channel H.265+ Network Video Recorder



- H.265+/H.265/H.264 Decoding
- Support 4CH/8CH 5MP IP cameras input & preview
- Support max. 4CH/8CH real-time playback synchronously
- With 4/8 POE ports for plug & play
- HDMI output up to 1080P 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

ZKTeco Z8000NER-4P/8P series NVR are built-in with power-over-ethernet (POE) for IPC connection, no extra power supply and switch needed for IPC deployment, plug & play, easy installation. The NVR could deliver up to 5MP resolution excellent image over advanced H.265+ decoding. It's the ideal consideration for the balance of quality, performance and budget. The user-friendly GUI provides intuitive shortcut operations, remote control and management, flexible storage and playback. Powered by the strong interoperability and Onvif Profile S, it's compatible with a plenty of 3rd party IPC or crossing platform VMS. The devices are widely used for the government, 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	Z8504NER-4P	Z8508NER-8P
<b>System</b>		
Main Processor	Multi-core embedded processor	
Operating System	Embedded LINUX	

Video and Audio		
Max IPC Input	4 CH	8 CH
Two-way Talk	Support	
Audio Compression	G.711u	
Live View		
Display Split	1/4 CH	1/4/6/9 CH
Resolution	5Mp(2560*1920), 2Mp(1920*1080), 1.3Mp(1280*1024), 1Mp(1280*720), D1(1024*768)	
Live View Capability	4 CH@D1(30fps)	8 CH@D1(30fps)
Recording		
Video Compression	H.265+ / H.265 / H.264	
Recording Resolution	5MP/4MP/3MP/1080p/960p/720p/D1	
Max. Decoding Capability	4 CH@D1(30fps)	8 CH@D1(30fps)
Incoming Bandwidth	40 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	4CH playback	
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	Up to IP Camera IVA functions	
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 users	
Web Browser	Internet Explorer	
Operation System	Windows	
Management Platform	AntarVis 2.0 (VMS)	
Mobile Application	AntarView Pro (iOS & Android)	
P2P Cloud Service	Supported	
Interoperability	ONVIF, SDK, CGI, API	

### Storage & Auxiliary Interface

SATA Ports	1 SATA Port, Up to 8 TB capacity	
eSATA	N/A	
Raid 0/1/5/6/10	Support	
HDMI	1*HDMI (1080p)	
VGA	1920×1080/60Hz,1280×1024/60Hz	
Network Interface	1 RJ-45 Ports (100Mbps)	
PoE Ports	4	8
USB	2*USB 2.0	
Audio Input/Output	0/1	
Alarm Input/Output	N/A	
RS-485	N/A	

### Power

Power Supply	DC 48V/ 1.5A	DC 48V/ 2.5A
Power Consumption	2.7W	3.0W

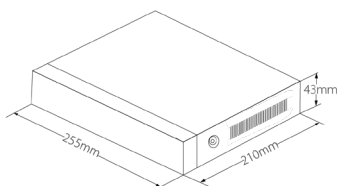
### General

Casing	Mini 1U	
Working Temperature	-10°C ~ +55°C	
Working Humidity	10~90%	
Dimensions (L*W*H)	255 * 210 * 43 (mm)	
Net Weight	2.5KG (without HDD)	
Gross Weight	3KG (without HDD)	

### Order Information

Camera	Model	Description
NVR	Z8504NER-4P	4CH H.265 PoE NVR, 1SATA
	Z8508NER-8P	8CH H.265 PoE NVR, 1SATA

### Dimensions



### Rear Panel

