

Z8404/08XE-CL | H.265 Z8000 DVR series

4/8-Channel Penta-brid 5MP Lite Digital Video Recorder



Features

- H.265/H.264 Decoding
- Support AHD/TVI/CVI/CVBS/IP Video Input
- Support HDMI up to 1080p output
- Support 4/8CH 5MP Lite Resolution Preview and Playback
- Mobile phone remote monitoring (iOS, Android)



System Overview

ZKTeco Z8400XE/F-S/SL series DVR could deliver up to 5MP Lite resolution excellent image over advanced H.265+ compression. It's the ideal consideration for the balance of quality, performance and budget.

The friendly GUI provides intuitive shortcut operations, remote control and management, exible storage, smart search and playback. It's widely used for the government, banking sectors, manufacturers, educational or commercial projects.

Powered by the strong interoperability and Onvif Pro le S, it's compatible with a variety of 3rd party crossing platform VMS.

Functions

Smart H.265+

Delivering high quality video with up to 70% bandwidth saving. H.265+ is the evolutionary optimization of H.265 and traditional H.264. The Smart H.265+ includes a series of scene-adaptive encoding strategies such as Dynamic ROI, flexible multi-frame reference structure and smart 2D&3D noise reduction.

5 in 1 Video Input

Penta-brid access technology seamlessly records video from AHD, TVI, CVI, CVBS, and IP sources simultaneously, provide a easy integration into existing video surveillance systems while leveraging existing networks, cabling, and cameras.

Intelligent Video Analysis (IVA)

It allows detection on multiple object behaviors, such as Tripwire, Intrusion, Objects Detection, Target Counting etc, and quickly and accurately responds to monitoring events in a specific area.

Technical Parameters

Model	Z8404XE-CL	Z8408XE-CL
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System

Processor	Multi-core Embedded Processor
Operation System	Embedded Linux

Video/Audio

Video Input	4ch BNC interface (1.0Vp-p, 75)	8ch BNC interface (1.0Vp-p, 75)
Audio	1 Channel Input, 1 Channel Output, RCA	
AHD Input	8MP,5MP,4MP,1080P, 720P	
TVI Input	8MP,5MP,4MP,1080P, 720P	
CVI Input	4MP,1080P, 720P	
IP Camera Input	Up to 4ch 5MP	Up to 8ch 5MP
Hybrid Mode	2ch(AHD/TVI/CVI/CVBS)+2ch(IP)	4ch(AHD/TVI/CVI/CVBS)+4ch(IP)

Recording

Video Compression	H.265/H.265+/H.264	
Recording Resolution	5MP lite/4MP lite/1080P/720P/960H/D1	
Frame Rate	4CH 5MP lite@12fps,4MP lite@15fps,1080P@15fps, 720P/960H/D1@25fps	8CH 5MP lite@12fps,4MP lite@15fps,1080P@15fps, 720P/960H/D1@25fps
Incoming Bandwidth	32Mbps	64Mbps
Bitrate	Main Stream: 11Kbps-4096Kbps Sub Stream: 50kbps ~ 700kbps	
Audio Compression	G.711a	
Audio Bite Rate	64Kbps	
Record Mode	Manual/External Alarm/ Motion/Scheduled/IVA Alarm	

Playback and Backup

Playback Channel	1/4	1/4/8/9
Search Mode	IVA Search/Time/Motion Detection	
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	

IVA Alarm

Local IVA Functions	Target Counting, Object Abandon/Missing, Intrusion, Tripwire, Human Detection
Regular Detection	Motion Detection/Video Tampering/Video Loss

Network

Network Protocol	TCP/IP, HTTP, DDNS, SMTP(SSL), DHCP, PPPoE, UPnP, NTP, P2P,ONVIF
Max. Online User	5
Mobile App	AntarView Pro
Interoperability	Onvif Profile S, SDK

I/O Port and Storage

Network Interface	1 RJ-45 Port(10 /100Mbps)
USB	2*USB 2.0
HDMI	1*HDMI (1080P)
VGA	1*VGA (1080P)
Alarm Input	N/A
Alarm Output	N/A
RS-485	N/A
HDD	1 SATA, up to 8TB capacity for each HDD

Power

Power supply	DC 12V/2A
Consumption	Max. 10W without HDD

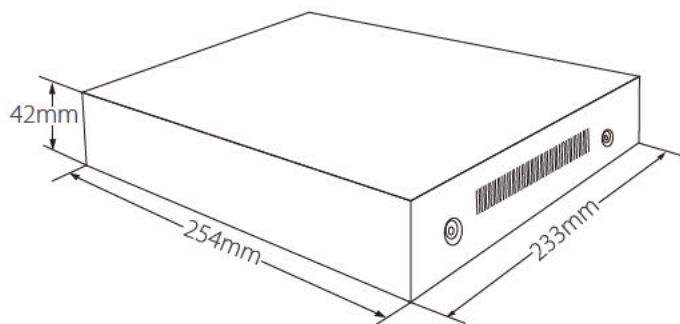
General

Working Temperature	0°C~+55°C
Working Humidity	10~90%
Dimensions	233mm*254mm*42mm
Net Weight	0.91KG
Gross Weight	1.41KG

Ordering Information

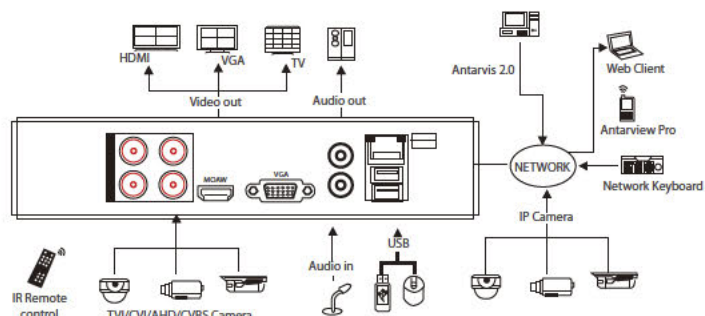
Type	Part Number	Description
H.265 DVR	Z8404XE-CL	4 CH H.265 5MP Lite 1 SATA DVR
	Z8408XE-CL	8 CH H.265 5MP Lite 1 SATA DVR

Dimensions (mm)



Rear Panel

Z8404XE-CL



Z8408XE-CL

