

Z3104/08/16XE-C

4/8/16 Channel Penta-brid 1080P Digital Video Recorder



Features

- H.264 Decoding
- Support AHD/TVI/CVI/CVBS/IP Video Input
- Support HDMI Up To 1080P Output
- Support 4/8/16CH 1080P Resolution Preview and Playback
- Cloud Service, P2P
- Mobile phone remote monitoring (iOS, Android)
- Multi-browser access (IE, Chrome, Firefox, Safari)



System Overview

ZKTeco Z3100XE-C series DVR could deliver up to excellent 1080P resolution excellent image over advanced H.264 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, flexible 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 Profile S, it's compatible with a variety of 3rd party crossing platform VMS.

Functions

4-in-1 Auto Detection

It could detect the camera signal automatically without settings, true plug and play for AHD/TVI/CVI/CVBS.

Long Distance Transmission

Powered by leading HD Videoloss technology, it supports up to 500m/800m transmission over RG59/RG6 coaxial cables separately.

AntarView Cloud Service

Flexibly and remotely monitor at anytime or anywhere with AntarView APP.

Technical Specification

Model	Z3104XE-C	Z3108XE-C	Z3116XE-C
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System

Processor	Multi-core Embedded Processor
Operation System	Embedded Linux

Display

Interface	1 HDMI, 1 VGA
OSD	Camera title, Time, Video loss, Motion Detection, Recording

Video Detection and Alarm

Linkaged Events	Alarm Out, Linkage Record, Snapshot, PTZ Linkage, Tour, Show Message, Buzzer, Send Email, FTP, Upload Cloud, Push Alarm
Motion Detection	MD Zones: 396(22x18)
Alarm Input	N/A
Alarm Output	N/A

Playback and Backup

Playback Channel	4	8	16
Search Mode	Time/Date, MD and Exact Search, Smart Search		
Playback Function	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom		
Backup Mode	USB Device/Network		

Interface and Storage

Network Interface	1 RJ-45 port(10/100Mbps)
HDD	1 SATA, up to 10TB capacity for each HDD
USB	2xUSB 2.0

Audio and Video

Analog Camera Input Channel	4	8	16
Two-way Talk	1 Channel Input, 1 Channel Output, RCA		

Recording

Video Compression	H.264		
Recording Resolution	1080P/720P		
Incoming Bandwidth	32Mbps	64Mbps	128Mbps
Record Mode	Manual, Schedule, Motion Detection, Video Loss, Privacy Mask, VQD, IVA		

Network

Network Protocol	HTTP, TCP/IP, IPV4, UDP, RTSP, DHCP, FTP, PPPOE, NTP, UPnP, P2P, DDNS, SMTP
Max. Online User	20
Mobile App	Antarview(iOS & Android)
Interoperability	Onvif Profile S, SDK

Electrical

Power Supply	DC 12V2A		DC 12V3.3A
Consumption	6W without HDD	8W without HDD	16W without HDD

Environmental

Working Temperature	0℃ ~+55℃		
Working Humidity	10~90%		

Construction

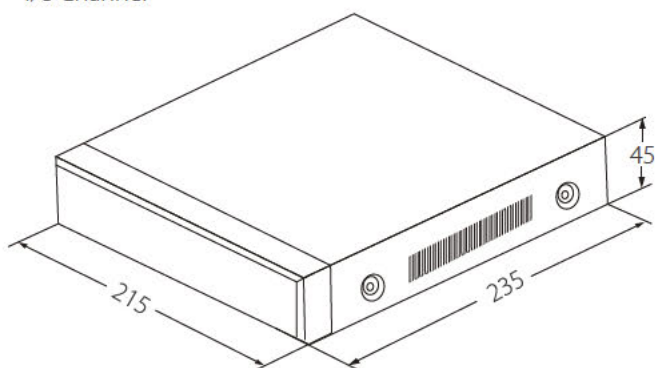
Dimensions	4/8 Channel 215mmx235mmx45mm	
	16 Channel 320mmx246mmx48mm	
Net Weight	1KG	1.5KG
Gross Weight	1.4KG	2.1KG

Ordering Information

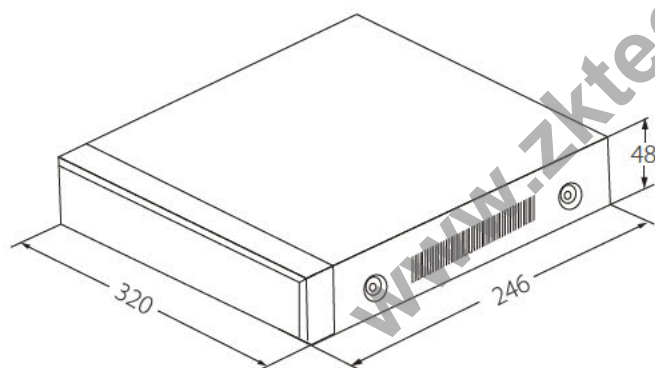
Type	Part Number	Description
1080P DVR	Z3104XE-C	4 channel 1 SATA DVR
	Z3108XE-C	8 channel 1 SATA DVR
	Z3116XE-C	16 channel 1 SATA DVR

Dimensions (mm)

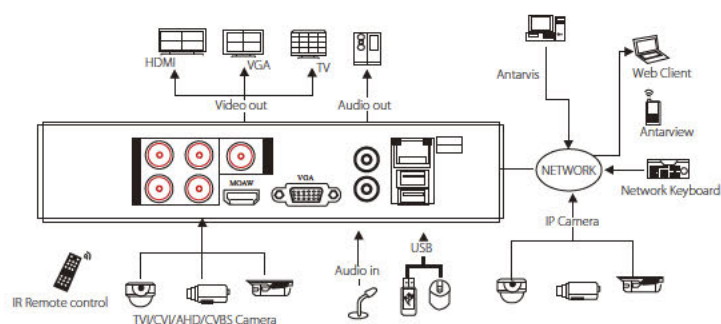
4/8 Channel



16 Channel



Rear Panel



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