

KPD678Z

AVTECH

H.264 Network DVR (16CH)

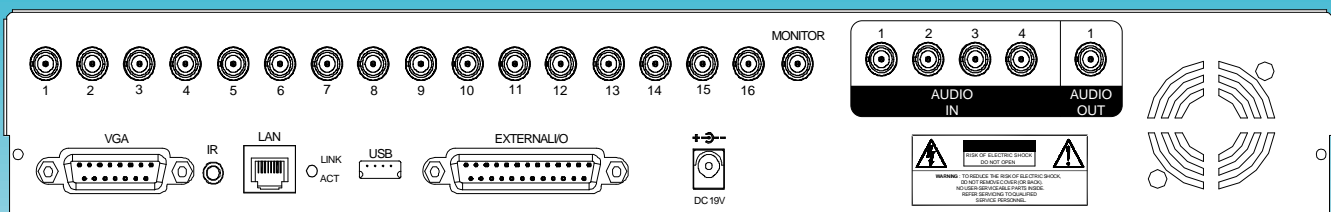
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Features

- > **MPEG-4 Network Transmission**
 - > MPEG-4 web transmitting compression format for faster transmission and clearer images via network.
- > **Graphical OSD Interface**
 - > Graphical OSD Interface for easier operation.
- > **Improved CIF Image Quality and Performance**
 - > The CIF image quality is highly improved for more clear and detailed image.
- > **Flexible Function Control Solution with Removable Control Panel**
 - > The control panel of the DVR can be removed and used as a remote controller.
- > **Intelligent Channel Selection Design**
 - > In order to simplify the layout of the DVR front panel, this new 16CH-DVR uses only 8 buttons to switch the channel display.
- > **Multiplex Operation**
 - > Allow live display, record, playback, backup, and network operations at the same time
- > **Free Upgrade to Advanced Functions**
 - > Allow you to upgrade DVR functions without any charges
- > **Backup Function**
 - > Support USB 2.0 flash drive and network backup
- > **Remote Surveillance**
 - > Support remote surveillance up to 5 users simultaneously with licensed software AP and IE browser
- > **Intelligent Motion Trigger Recording**
 - > With the advanced functions of motion detection (4 different adjustable factors for motion detection sensitivity)
 - > Support pre-alarm recording (8MB)
- > **Covert Recording**
 - > A mask replaces the live image with a blank screen and the monitor shows nothing, but the recording is still on
- > **A/V Support**
 - > Support 4 audio-in, 1 audio-out to record sounds
- > **General Function**
 - > System auto recovery after power reconnected
 - > Support auto video system detection (NTSC / PAL)
 - > Support daylight saving function
 - > Support TCP/IP, PPPOE, DHCP and DDNS network connection

REAR PANEL



SPECIFICATIONS

Model	KPD678Z
Video System	NTSC / PAL (auto switchable)
Video Compression Format	H.264
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	16 Channels
Video Output	Main Monitor Output: Composite video signal 1 Vp-p 75Ω BNC
Audio Input/Output	4 audio inputs, 1 audio output (Mono)
Maximum Recording Rate (Frame)	704 X 480 pixels with 120 IPS <NTSC> /704 X 576 pixels with 100 IPS <PAL>
Maximum Recording Rate (Field)	704 X 240 pixels with 240 IPS <NTSC> /704 X 288 pixels with 200 IPS <PAL>
Maximum Recording Rate (CIF)	352 X 240 pixels with 480 IPS <NTSC> /352 X 288 pixels with 400 IPS <PAL>
Adjustable Recording Speed (Frame)	120, 60, 30, 15 IPS <NTSC> /100, 50, 25, 12 IPS <PAL>
Adjustable Recording Speed (Field)	240, 120, 60, 30 IPS <NTSC> /200, 100, 50, 25 IPS <PAL>
Adjustable Recording Speed (CIF)	480, 240, 120, 60 IPS <NTSC> /400, 200, 100, 50 IPS <PAL>
Multilingual OSD	YES
Image Quality Setting	Best, High, Normal, and Basic
Hard Disk Storage	Accommodate 2 HDD (SATA type, Over 1TB)
Quick Search	Time / Motion / Alarm search mode
SATA Interface	Built-in
VGA Interface	Built-in (output resolution up to 1600 x 1200)
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Refresh Rate	480 IPS for NTSC / 400 IPS for PAL
Multiplex Operation	Live display, Record(16 channel), Playback(4 channel), Backup, and Network Operations
Remote Independent Operation	Fully remote independent operation
R.E.T.R. (Remote Event Trigger Recording)	YES
Motion Detection Area	16 X 12 grids per camera for all channels
Motion Detection Sensitivity	One parameter with three sensitivity levels (High / Normal / Low)
Pre-alarm Recording	Yes (8 MB)
Backup Device	1. USB 2.0 flash drive; 2. Network
USB Interface	"Front panel * 1, Back panel * 1"
Web Transmitting Compression Format	MPEG4
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet
Web Interface	Supports licensed software "Video Viewer" / Internet Explorer & Mozilla *Operating System: Windows Vista / XP / 2000; Apple Mac Firefox web browsers / QuickTime (5 users access simultaneously)
Remote Alarm Notification	E-mail and FTP server
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS
IR Remote Control	YES (IR receiver built-in)

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H.264 Network DVR (16CH)H.264 Network www.thaiavtech.com**SPECIFICATIONS**

Model	KPD678Z
PTZ Control	YES
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time (3, 5, 10, 15 sec.)
Alarm I/O	16 inputs, 1 output
Picture Zoom	2X digital zoom (LIVE & Playback)
Key Lock (Password Protection)	YES
Video Loss Detection	YES
Camera Title	Support up to 6 letters
Video Adjustable	Hue / Saturation / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Daylight Saving	YES
Power Source	DC 19V
Power Consumption	< 64 W
Operating Temperature	10°C ~ 40°C (50°F~104°F)
Dimensions (mm)	430mm(W) X 65mm(H) V 338mm(D)
System Recovery	System auto recovery after power failure
Optional Peripherals	Keyboard controller

* The specifications are subject to change without notice.

** Dimensional Tolerance: ± 5 mm