Avtech KPD 677 ZA

8 CH MPEG4 Network DVR

Features

- **Fully Remote Independent Operation**
  The operation between the local site and remote site won't affect each other. The remote operation is fully independent
- **Saving HDD Capacity**
  Allows single-channel recording when a motion alarm is triggered
- **MPEG4 Technology**
  MPEG4 compression format providing crystal clear images with real time performance
  MPEG4 web transmitting for fast transmission and clear images via network
- **Multiplex**
  Allows live display, record, playback, backup and network operation at the same time
- **Free Upgrade to Advanced Functions**
  Allows you to upgrade DVR functions without any charges
- **Backup Function**
  Supports USB flash drive and network backup
- **Remote Surveillance**
  Supports remote surveillance up to 5 users simultaneously via the licensed software "Video Viewer", Internet Explorer or Mozilla Firefox web browser, and QuickTime player
- **Intelligent Motion Trigger Recording**
  o Customizable security settings are achieved with the advanced motion detection, the scheduled motion
     detection recording (with 1 adjustable parameter), and the quick search function.
  o Supports pre-alarm recording (8MB)
- **A/V Support**
  o Supports 1 audio-in, 1 audio-out to record sounds
  o (Optional) Supports VGA output with VGA converter
- **Cover Recording**
  Blank screen replaces live displays to achieve covert recording
- **General**
  o Supports multi-language OSD
  o Supports SATA HDDs (SATA interface built-in)
  o Supports IR remote control
  o Supports remote control and live view via Ethernet
  o System auto recovery after power failure
  o Supports manual / timer / motion / remote recording
  o Supports TCP/IP, PPPoE, DHCP and DDNS network connection

Specifications

Video System	NTSC / PAL (auto detection)
Video Compression	Format MPEG4
Video Input	16 channels (composite video signal 1 Vp-p 75? BNC)
Video Output	Main monitor output (composite video signal 1 Vp-p 75? BNC)
Audio Input/Output	1 audio input, 1 audio output (Mono)
Maximum Recording Rate (Frame)	704×480 pixels with 120 IPS / 704×576 pixels with 100 IPS
Maximum Recording Rate (CIF)	352×240 pixels with 480 IPS / 352×288 pixels with 400 IPS
Adjustable Recording Speed (Frame)	120, 60, 30, 15 IPS / 100, 50, 25, 12 IPS
Adjustable Recording Speed (CIF)	480, 240, 120, 60 IPS / 400, 200, 100, 50 IPS
Multilingual OSD	YES
Image Quality Setting	Best, High, Normal and Basic
Hard Disk Storage	Accommodates 2 SATA HDDs (1 HDD capacity up to 1TB)
SATA Interface	Built-in
Quick Search	Time / Motion search mode
Recording Mode	Manual / Timer / Motion / Remote
Refresh Rate	480 IPS for NTSC / 400 IPS for PAL
Multiplex Operation	Live display / record (8 channels) / playback (simultaneously up to 4 channels) / backup / network operations
Remote Independent Operation	Fully remote independent operation
Motion Detection Area	3 pre-defined detection areas selectable
Motion Detection Sensitivity	One parameter with four sensitivity levels (High / Normal / Low / Off)
Pre-alarm Recording	YES (8 MB)
Backup Device	USB 2.0 flash drive / Network
USB Interface Front panel *	1
Web Transmitting Compression Format	MPEG4
Ethernet	10/100 Base-T. Supports remote control and live view via Ethernet
Licensed software	"Video Viewer" / Internet Explorer or Mozilla Firefox
Web Interface	web browser / QuickTime player (5 users access simultaneously)
*Operating System	Windows Vista / XP / 2000; Apple Mac
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS
IR Remote Control	YES (IR receiver built-in)
PTZ Control	YES
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time (3 / 5 / 10 / 15 seconds)
Picture Zoom	2X digital zoom (Live & Playback)
Key Lock (Password Protection)	YES
Video Loss Detection	YES
Camera Title	Supports 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 (±10%)	DC 19V
Power Consumption (±10%)	?64 W
Operating Temperature	10? ~ 40? (50?~104?)
Dimensions (mm)**	430(W) x 65(H) x 338(D)
System Recovery	System auto recovery after power failure
Optional Peripherals	Keyboard controller / VGA Converter

*The specifications are subject to change without notice.
** Dimensional tolerance: ±5mm