

# AVL681Z

## Professional 19" H.264 LCD Network DVR



### FEATURES

- **Excellent Video Quality**  
True color 19" A grade LCD screen for video display
- **H.264 Format**  
Small file size for longer recording time and faster network transmission
- **Easy and Modular Installation Design**
  - Quick installation and more expandable for different demand
  - Optional wall-mounted bracket (VESA 100mm supported)
- **Easy to Use**  
User friendly Graphical OSD and multi-language design make you easy to set up and program
- **Multi-Tasking**  
Live display, recording, playback, backup & network operation simultaneously
- Records up to 120 IPS (NTSC)/100 IPS (PAL) at CIF resolution
- **Simple Backup** via a USB flash drive and network
- Built-in speaker
- Support IR remote control
- 4 camera inputs and 4 audio inputs (AVL683 only)
- Support DVR / PC Display Mode selectable (AVL683 only)

### SPECIFICATIONS

LCD Panel	AVL681Z
Size	18.95" diagonal
Resolution	1440 x 900 pixels
Aspect Ratio	16:10
Peak Brightness	300cd/m <sup>2</sup> (Typical)
Contrast Ratio	1000 : 1 (Typical)
Number of color	16.7M
Response time	5 ms (Tr+Tf)(Typical)
Viewing Angle	85/85/80/80 (CR ≥ 10)
Powerful Scaling and Zooming Engine (Down/Up Scale Support)	YES
Color Temperature Adjustment	YES
On-Screen OSD function	YES
Viewing Aspect Ratio	Full Screen (16:10)
IR Control (RCU)	YES
Built-in Speaker	Built-in 1 speaker (1 Watt)
D-Sub Input	1 D-Sub Input (VGA 15 Pin)

DVR	AVL681Z
Video System	NTSC / PAL (auto detection)
Video Compression Format	H.264
Video Input	Four channels (composite video signal 1 Vp-p 75Ω BNC)
Audio Input	One Audio Input
LCD Display Mode	Default / Normal / Full LCD display mode selectable
Maximum Recording Rate (Frame)	720×480 pixels with 30 IPS <NTSC> / 720×576 pixels with 25 IPS <PAL>
Maximum Recording Rate (Field)	720×480 pixels with 30 IPS <NTSC> / 720×576 pixels with 25 IPS <PAL>
Maximum Recording Rate (CIF)	352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>
Multilingual OSD	YES
Image Quality Setting	Super Best, Best, High and Normal
Hard Disk Storage	Accommodates 1 SATA HDD (capacity up to 2TB)
Quick Search	Time / Event search mode
SATA Interface	Built-in
Recording Mode	Manual / Timer / Motion / Remote
Multiplex Operation	Live display / record / playback / backup / network operations
Motion Detection Area	Three pre-defined detection areas
Motion Detection Sensitivity	High / Medium / Low
Pre-alarm Recording	YES (8 MB)
Backup Device	USB 2.0 flash drive / Network
Web Transmitting Compression Format	H.264
Ethernet	10/100 Base-T. Supports remote control and live view via Ethernet
Web Interface	Licensed software "Video Viewer" / Internet Explorer or Mozilla Firefox web browser / QuickTime player (20 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	NO
Alarm Input / Output	NO
DVR / PC Display Mode	NO
Key Lock (Password Protection)	YES
Video Loss Detection	YES
Camera Title	Supports up to six letters
Video Adjustable	Hue / Saturation / Contrast / Brightness (15 levels from -7 to +7)
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Daylight Saving	YES
System Recovery	System auto recovery after power failure
Power Consumption	22W
Dimensions (mm)	443(L) x 379.2(H) x 195.2(D)
Optional Peripherals	NO

\*The specifications are subject to change without notice.

**■ Dimensions (unit: mm)**