AVerMedia

AVerDiGi EH5216 Series — 16CH Hybrid DVR with a Graphic User Interface

- **LINUX** — Embedded Linux System
- **MEGA PIXEL** — Up to 5M Resolution
- **GUI** — Windows Lookalike GUI
- **HYBRID** (Hybrid DVR) — Support IP and Analog Cameras
- **Mouse CONTROL** — Bundled with Mouse(MU3000)
- **CMS** — Supports CM3000/ CM3000 Gold

FREE AVerDiGi Hybrid DVR & NVR Support Full Range of IP Cameras and we are able to add IP camera support based on your request

AVerMedia

AVerDiGi EH5216 Series — 16CH Hybrid DVR with a Graphic User Interface

Embedded Linux
Interfaced with embedded Linux system which offers higher stability than PC based one

Hybrid DVR
Support both IP and Analog cameras/ PTZ of most popular brands
(AXIS, SONY, Panasonic, Arecont, Mobotix, BOSCH, IQinvision, JVC, etc and we are able to integrate new IP camera based on customers' requests)

Graphic User Interface
Instinctive and user-friendly Windows lookalike GUI design makes learning and setting easily

MegaPixel Resolution
Each channel can support 2.3M IP cam and the 16th channel can support up to 5M IP cam

Individual Adjustment
Users can adjust frame rate and resolution for each of cameras
(For example: D1/real-time for crucial areas & CIF/lower fps for less important regions)

Display & Setup Locally
Supports local/server site preview, playback and setup from DVR directly, no needs for additional PC as media

Multiple authorizations
Supports numerous users with different authority for operate, control, and remote acces

Visual Search
Search from a specific camera by date, hour, minute, and second. Users can efficiently playback backward or forward by moving seek slider

POS & ATM Integration
POS and ATM transaction data for displaying, and recording
*Please refer to optional accessory, AVerDiGi Data Box

VGA Out & Spot-Monitor
Supports 1CH VGA output and 2CH analog spot-monitor outputs simultaneously

Large Storage Capacity
Supports 4 SATA HDD and eSATA simultaneously for recorded data storage

Touch Monitor
Compatible with AVerDiGi Touch Monitor for users to easily operate system via pen or finger touch

CM3000/ CM3000 Gold
Central Management System which supports live alarm notification, connection of 1000 DVRs with USB license and compatible with all AVerDiGi networking DVRs

PDA/ Java Viewer
Provide users PDA and Java mobile access to remote preview and playback anytime anywhere

IP PTZ

PTZ

Analog Camera

IP Camera
(up to 5 MegaPixel)

System Integration
Easy for retailers and enterprise to use and control.

AVerDiGi Data Box

POS

ATM

Camera Integration
Suitable for different environment to use

Security System
Multiple launch programs to protect your assets.

Alarm

LCD

Microphone

E-Mail

Sensor

Fire Detector

Audio Output

Light

Ventilation

Backup Device
Various backup devices supported for every project's demand.

AVerDiGi RW2001

External HDD

Pen Drive

AVerDiGi RA4000e

AVerDiGi EH5216+

Intranet

Internet

Remote Monitoring

Central Management
Security guard can monitor and remote control DVR via CM3000 for instant notification

CM3000/CM3000 Gold

Center   Emap   Monitor   Playback

Remote Access
Enable users to monitor any time and everywhere via

WebViewer

PDAViewer

JAVAViewer

Remote Console

Software Development Kit
Users can integrate our system through 3rd party's intelligent software to customize their function, such as

* Customized UI
* ATM system
* Facial Recognition
* License Plate Recognition
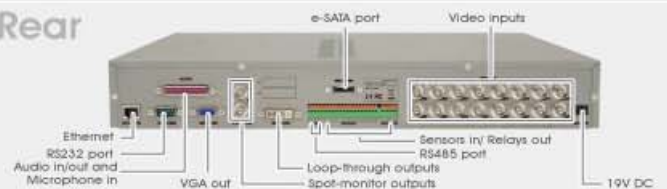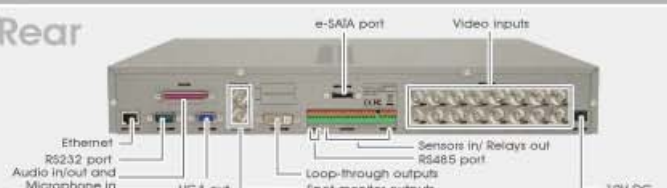......and more to meet your need.

EH5216 Lite

Front

AVerMedia

Power
IR sensor
IR sensor port
USB 2.0 ports
Rack ear

Rear

e-SATA port   Video inputs

Ethernet
RS232 port
Audio in/out and
Microphone in
VGA out
Loop-through outputs
Spot-monitor outputs
Sensors in/ Relays out
RS485 port
19V DC

EH5216+

Front

Record/Alarm/Preview/
Playback control   PTZ control   1~16 channel & FN key

Power
IR sensor
IR sensor port
Rack ear
System indicator
DVD-ROM
PTZ control
Playback buttons
USB backup
USB2.0 ports

Rear

e-SATA port   Video inputs

Ethernet
RS232 port
Audio in/out and
Microphone in
VGA out
Loop-through outputs
Spot-monitor outputs
Sensors in/ Relays out
RS485 port
19V DC

Product Specifications

Product model	EH5216 Lite	EH5216+
Operating system	Embedded Linux	
Video streaming format (IP)	H.264/ MPEG4/ MJPEG	
Compression mode (Analog)	MPEG4	
Video input	16CH IP or analog inputs	
Loop through (analog)	16CH (Please refer to optional loop through cable)	
Recording resolution (analog inputs)	CIF: 352x288/ Half D1: 720x288/ D1: 720x576 (PAL) CIF: 352x240/ Half D1: 720x240/ D1: 720x480 (NTSC)	
Recording resolution (IP inputs)	Each channel can support 2.3M (1920 x 1200) IP cam and the 16th channel can support up to 5M (2592 x 1944) IP cam	
Recording rates (analog)	CIF: 480/400 fps (NTSC/PAL) Half D1: 480/400 fps (NTSC/PAL) D1: 240/200 fps (NTSC/PAL)	
Audio in (Analog only)	16/1/1 (Please refer to optional audio cable)	
Audio out	1	
Microphone in	1	
Sensor in/ Relay out	16/4	
Number of HDD supported	Support 4 SATA HDD (Please refer to optional internal HDD rack)	
eSATA port	1	
VGA out	1	
Spot-monitor output	2 (Analog only)	
Ethernet	10/100/1000Mbps	
RS485/RS232 port	1/1	
USB 2.0	Front 3 ports	
DVD RW	N/A	DVD±R, DVD±RW
Front panel key	N/A	Yes
Operator Interface	USB Mouse, Keyboard, Remote Control	
Recording Modes	Continuous Recording/ Smart Recording/ Motion Recording/ Alarm Recording/ Manual Recording (All modes can be triggered by schedule)	
Motion Detection	Yes	
E-map Function	Yes	
Video search	Date/ Time/ Event/ Camera	
Visual search	Yes	
POS Integration	Yes (AVerDiGi Data Box)	
PTZ Control	Yes	
Advanced Event Log Viewer	Details complete event logs according to your selection on event, operation, system and network events.	
Smart Alert Functions	Launch E-map/ Spot-monitor out/ Enlarge camera view/ Relay Output/ IP Camera Relay Output/ Warning sound/ Email/ PTZ preset point tracking/ Start recording/ Send video to CMS	
Integrate with CMS (CM3000)	Yes (AVerDiGi CM3000 Gold supports up to 1000 DVRs)	
Remote software	WebViewer/ Remote Console/ JavaViewer/ PDAViewer	
Dispatch Server	Yes	
iEnhance	Yes	
iStable	Yes	
Optional accessories	Remote control, RACK ears, Audio cable, IR extension cable, External USB DVD RW (AVerDiGi RW2001), USB2RS232 converter, Internal HDD rack for 4th HDD installation	
Power Input	Power adaptor ; 19V DC	
Dimensions (H x W x D)	65 x 430 x 370 mm	
Weight	4.6 KG (HDD is not included)	
Support major brands of IP cameras	ACTi, AirLink, ALPHA, AMTK, APPRO, Approtech, Arecont, Asoni, AVerDiGi, AVICO, AXIS, BOSCH,CANON, Dentec, D-Link, Dynacolor, EtroVisioin, Eyeview, Hunt, iLink, iCanTek, IPD, IQinvision, IQeye, JVC, Level-one, Lilin, Linksys, Lumenera, Messoa, Mobotix, NipponSeki, Pixord, Panasonic, Pelco, Samsung, Sanyo, Sony, TOSHIBA, Truen, Veo, Vivotek, YOKO, ZAVIO, etc and we are able to integrate new IP camera based on customers' requests	

Specifications are subject to change without prior notice

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