

Detailed Specifications	
Product Name	IWH3216 Touch II
Operating System	Embedded OS
Compression	H/W H.264
Video Input	16
Audio Input/Audio Output/Mic Input	16/1/1
IP Cam Support	16
Video loop output	16
SPOT Output	2
VGA Output	(VGA 1: 1p to 1920 x 1200, VGA 2: 1280 x 1024)
Display-monitor output	Yes
Display rate (NISC/PAL)	480/400 FPS
Recording frame rate (CIF)	480/400 FPS
Recording frame rate (D1)	240/200 FPS
Accessory	
Optional accessory	Audio cable, USB mouse, RS-485 cable
Connectors	RS485, RS232
e-SATA port	1
USB 2.0	1
Sensor/Relay	16,4
Touch pad	Yes
Operation on front panel	Yes
HDD Tray	4
Remote Management	
Central Management	CM3000, CM3000 Gold (up to 1000 DVRs), Remote Matrix, Remote Console
Remote DVR Connectivity	WebViewer, JavaViewer, iPhoneViewer, BBViewer, AndroidViewer, 3DViewer, JavaViewer, HandyViewer, and SmartViewer
Unit Standards	
DVD-RW	N/A
Removable HDD Tray	Yes
DOM	2GB
Support up to 4 Internal SATA HDD and 1 e-SATA connector for external SATA HDD	480 x 110 x 420 mm
Dimensions (W x H x D)	120W Power adapter, 19V DC
Power	
Software	
Dispatch Server	Balances DVR communication for added client access and greater data transfer speeds
IPDS Function	Advanced tool for IOS management that allows transaction data searches right from the monitoring screen
IP PTZ control/tracking	Zoom-In/Out, Focus In/Out, Direction, Speed, Preset point, AutoScan, Moving Object Tracking
Enhance	Enhances video quality such as brightness, contrast, hue, saturation, noise reduction
Stable	One-Click fix for blurry video caused by camera movement
Remote setup/backup	Make system changes and backup remotely
Image Verification	A watermark-checking program to identify the authenticity of a saved image (e.g. by application)

Specifications are subject to change without prior notice



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Key Points



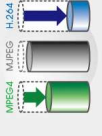
Dual Core Processor
Incorporates the dual-core processor which delivers significant CPU performance on multiple concurrent tasks



Hybrid DVR
16CH hybrid capability and supports HD IP cameras and analog cameras (available for adding new IP camera without extra charging)



System Integration
Wide-range security deployment and intelligent video integration, such as POS machines, ATM, facefinder, Visual Search and PTZ tracking



H.264 H/W Compression
Supports recording rate up to H.264 240/200 FPS @ D1 resolution and provides independent dual stream for better network efficiency

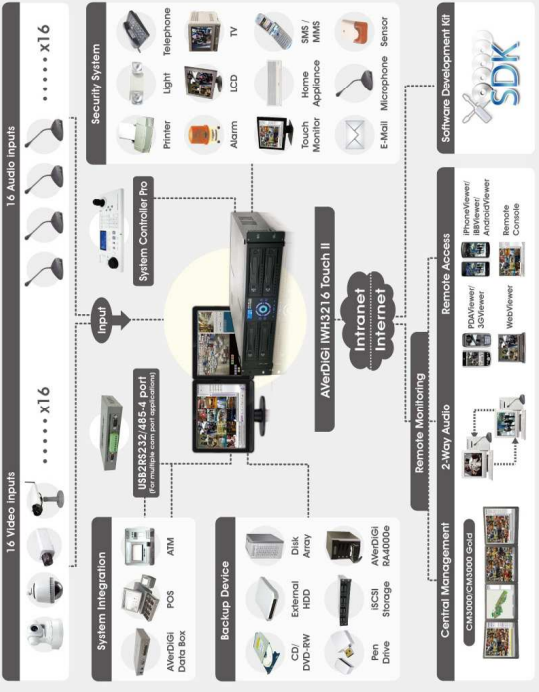


HD Video Output
Supports HD IP cameras input and optimizes video output up to 1920 x 1080 display resolution that provides magnificent image quality



Remote Access
Remote Software Integration: CM3000/CM3000 Gold, Remote Console, WebViewer, PDAViewer, iPhoneViewer, BBViewer, AndroidViewer, HandyViewer, and SmartViewer

Application Diagram



Key Features

AVERDIGI IWH3216 Touch II incorporated the latest dual core processor specification that delivers significant CPU performance on multiple concurrent tasks and outstanding video quality. The shining ocean-blue, light sensitive touch front panel and slick-look exterior, as well as dual touch monitor support, have made AVerDIGI IWH3216 Touch II the most efficient and user-friendly DVR in the market.

VIDEO FEATURE

- A DVR embedded with Windows operating system
- Featured hybrid DVR to support 16 channels IP and analog cameras
- IP/Analog PTZ camera supported and available for adding new protocols
- Video format: NISC/ PAL
- Support 352x240/352x288, 720x407/720x288 or 720x480/720x576 resolutions (NISC/PAL)
- Support static as well as dynamic de-interlacing for smoother graphics
- Built-in noise reduction algorithm

FORENSICS Search

- Defined parameter search by date, time, camera, area, event, vision, and log file
- Easy retrieval and playback of footage by "bookmarking" significant segments
- Visual search breaks down video by date, hour, minute, and second

Playback

- Real-time playback without having to disable recording/network functions
- Complete playback control: playback, backward, forward, fast forward, backward playback, (forward/backward frame by frame playback)

- Easy! export/backup to flash memory, RAID, NAS, External HDD and internal SATA HDD by channels and hours
- Backup software ensures easy backup and playback
- Enhance provides highest-level video quality

REMOTE MONITORING

- Simultaneous multiple live/record video
- 16 sensors in/4 relays out and up to 128 more with additional E-I/O box
- Totally command of up to 1000 remote systems with CM3000 Gold Central Management System
- Dispatch server allows you to broadcast video stream to the public
- E-map
- E-map showcasing camera, sensor, and relay positions
- Enabling to extend up to 8 maps
- Alarm Notifications
- Starting footage to spot monitor
- Enlarging triggered video
- Turn relay on/light switch, alarm, etc.)
- Launching the triggered camera's corresponding E-map
- Playing warning sounds
- Sending email, snapshots, and files to FTP, SMS/MMS and video to Central Management System
- Alarm messages help security guard follow standard operational procedures



AverDIGI IWH3216 Touch II H.264 Embedded Hybrid DVR
Easy Installation Design of Removable HDD Trays
Storage Management of Built-in RAID 0, 1, 5 Function

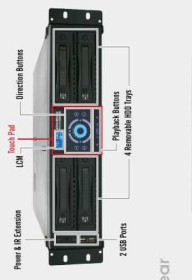


Full range of support for many other IP camera protocols in this market. Record on standby mode. Available with the ability to add new models into our support list. We have a wide range of products to support your needs. We have a wide range of products to support your needs. We have a wide range of products to support your needs. We have a wide range of products to support your needs.

Product Illustration

IWH3216 Touch II

Front



Rear

