



# IWH3216 Touch Series

## 16CH Embedded Hybrid DVR

The IWH3216 Touch series of Windows® embedded hybrid DVRs delivers high CPU performance and superb video quality. Besides the many external storage options, the 1U IWH3216 Touch has room for up to 4 SATA HDDs while the 2U IWH3216 Touch II supports up to 5 hot-swappable SATA HDDs, providing plenty of space to save important video footage for later use. In addition to advanced alarm notifications and POS integration, the IWH3216 Touch series features a handy ocean-blue LED touch panel that makes configuration without a mouse or keyboard easy.



### Video intelligence

AVer's video intelligence allows operators to cut through the clutter of high-volume videos by detecting unfolding situations in real-time. Preset conditions include suspicious / missing object detection, scene change, motion detection, PTZ tracking, face detection with FaceFinder, and many more. Together with the advanced alarm management, it facilitates the effective control and possible prevention of crises.



### Advanced alarm management

When a sensor is triggered and/or an abnormal event occurs, the DVR's advanced alarm mechanisms trigger specific actions to address the situation, such as activating warning sirens, automatically uploading files to a remote server, recording, launching 3rd party program, sending out emails and drawing attention to the screen. When connected with a POS system, it can send out alert messages to the manager when previously specified items are purchased.



### POS integration and management via iPOS

The AVer IWH3216 Touch series easily integrates with up to 16 POS systems through its support of general POS protocol. With AVer's iPOS software, you can view live transaction data from POS systems together with the live images onscreen. The stored transaction data can later be used for advanced analysis, search, and playback.



### Versatile remote software integration

The AVer IWH3216 Touch series is compatible with AVer's CM3000 and CM3000 Gold Central Management System to achieve powerful centralized management of up to 1000 DVRs including the ability to create a TV-wall command center through AVer's Remote iMatrix software. IWH3216 Touch series also comes integrated with mobile monitoring software, so users can view live video on iPhones, iPads, Android phones.

#### Video Intelligence

object, motion  
FaceFinder  
PTZ tracking

#### Advanced Alarm management

#### Expandable Storage

up to 5 HDDs,  
iSCSI, e-SATA

#### IS

Intelligent  
Streaming

#### CMS

1000 DVRs

#### POS

integrate up  
to 16

#### Mobility

iViewer  
AndroidViewer

# IWH3216 Touch Series

16CH Embedded Hybrid DVR



model		IWH3216 Touch II	IWH3216 Touch
<b>system</b>			
operating system	embedded Windows® XP (32-bit)		
total channel number	16		
max. IP camera input	16		
camera input (analog)	16 BNC connectors		
<b>performance</b>			
recording (analog)	resolution	NTSC: 352 x 240 (CIF), 720 x 240 (Half-D1), 720 x 480 (D1) PAL: 352 x 288 (CIF), 720 x 288 (Half-D1), 720 x 576 (D1)	
	frame rate (NTSC/PAL)	CIF: 480 / 400fps; Half-D1: 480 / 400fps; D1: 240 / 200fps	
recording (IP)	resolution	up to 5 megapixels per channel, and a total of 42 megapixels for all channels in H.264 / MPEG-4 / MJPEG format	
display (analog)	frame rate (NTSC/PAL)	480 / 400fps	
	Internal HDD capacity	4 SATA HDDs (4 removable HDD trays) optional*: up to 5 SATA HDDs (5 removable HDD trays)	3 SATA HDDs optional*: up to 4 SATA HDDs (1 removable HDD tray)
storage	external HDD support	e-SATA HDD or RAID x 1	
	iSCSI support	yes	
backup	internal DVD writer	no (supports external DVD writer)	yes (swappable with 1 HDD tray)
<b>interface</b>			
monitor	VGA output	VGA 1: up to 1920 x 1200; VGA 2: 1280 x 1024	
	spot monitor output	2 (full screen output from analog camera channels with triggered alarms)	
audio	input	16 line-in, 8KHz sampling rate	
	output	1 line-out	
MIC	input	1 line-in	
	sensor (alarm) input	16 input voltage: max. DC 6V 4 (NO / NC)	
alarm	relay output	voltage range: AC 125V / DC 30V switching current: max. 1A	
	Ethernet (RJ45)	2 (10/100/1000Base-T)	
network	e-SATA	1	
	RS-232	1 (D-sub 9 pins, male)	
	RS-485	1 set (Tx+, Tx-, Rx+, Rx-)	
	USB 2.0	6 (2 ports on front panel, 4 ports on rear panel)	
control	LCD display	yes (temperature / system status / free HDD space / alarm status)	no
<b>general</b>			
electrical	power input	120W power adaptor, DC 19V	
environmental	operating temperature	0°C to 40°C (32°F to 104°F)	
	operating humidity	90% RH	
mechanical	dimensions (W x H x D)	430 x 105 x 410 mm	430 x 60 x 370 mm
	weight (net)	7.6kg	5.2kg

\* installed upon assembly

### IWH3216 Touch

**front**

**rear**

### IWH3216 Touch II

**front**

**rear**

### accessory

rack ear (1U)

rack ear (2U)

Distributor/Dealer:



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