



# IWH5000 Series

## 16CH / 32CH Hybrid DVR

The AVer IWH5000 Windows® based hybrid DVRs feature a powerful quad-core processor to deliver quality video, with up to 5 megapixels per designated camera channel and a total of 80 megapixels for all channels. The IWH5000 series supports dual monitor output for monitoring images on one monitor, while viewing video playback or E-maps on the other. It also comes with the all-new setup wizard, making system configuration easier than ever.



### 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.



### Extended storage capacity & S.M.A.R.T.

The IWH5000 series' advanced data storage capabilities are clearly evident with support for 6 removable hard disk drives, as well as e-SATA and iSCSI interface for extended hard disk or RAID storage. Adding to the IWH5000 series' notable strength is the S.M.A.R.T. status alarm feature which notifies the operator of potentially fatal system errors in advance to ensure system stability.



### POS integration & management

The IWH5000 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. In addition, the keyword monitoring function can send alert messages to the manager when specific items are purchased.



### Versatile remote software integration

The IWH5000 series is compatible with AVer's CM3000 and CM3000 Gold central management software (CMS) to achieve powerful centralized management of up to 1000 DVRs, plus the ability to create a TV-wall command center through AVer's Remote iMatrix software. IWH5000 is also integrated with AVer's AndroidViewer and iViewer mobile apps, so users can view live video on iPhones, iPads, and Android phones / tablets.

**Video Intelligence**  
object, motion  
FaceFinder

**Advanced Alarm**  
management

**Expandable Storage**  
e-SATA, iSCSI

**S.M.A.R.T. Status**  
Notification

**CMS**  
1000 DVRs

**POS**  
integrate up  
to 16

**Mobility**  
iViewer (iOS)  
AndroidViewer

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16CH / 32CH Hybrid DVR

		IWH5416+16	IWH5416 Touch II
system			
operating system		embedded Windows® 7 (64-bit)	
total channel number		32	16
max. IP camera input		32	16
max. analog camera input		16	
performance			
display (analog)		480 / 400fps (NTSC/PAL)	
display (IP)		2M @ 140fps	
recording (analog)	compression	H/W H.264	
	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: 480 / 400fps	
	resolution	up to 5 megapixels per channel, total of 80 megapixels for all channels in H.264 / MPEG-4 / MJPEG format.	
recording (IP)			
throughput		250 Mbps	140 Mbps
storage	internal HDD capacity	6 SATA HDDs (6 removable HDD trays)	
	internal RAID support	-	
	external HDD support	e-SATA HDD or RAID x 1	
	iSCSI support	yes	
backup	internal DVD-RW	- (supports external DVD-RW)	
interface			
monitor	VGA output	1 (up to 1920 x 1200)	
	HDMI output	1 (up to 1920 x 1200)	
	TV output	1 (supports hybrid multi-quad output)	
	spot output	1 (supports full screen output from analog camera channels with triggered alarms)	
audio	input	16 line-in, 8 KHz sampling rate	
	output	1 line-out	
MIC	input	1 line-in	
alarm	sensor (alarm) input	16	
		input voltage: max. DC 6V	
	relay output	4 (NO/NC) voltage range: AC 250V / DC 30V switching current: max. 1A	
network	Ethernet (RJ45)	2 (10/100/1000Base-T)	
general			
electrical	power input	250W PSU	
environmental	operating temperature	0°C ~ 40°C	
	operating humidity	90% RH	
mechanical	dimensions (W x H x D)	430 x 105 x 410 mm	
	weight (net)	8.36 kg	

## optional accessory



rack ear