

## DS-7200HWI-E1(-E2)/A

### 960H Standalone VCA supported DVR



#### Key features

- H.264 & Dual-stream video compression
- Full channel@WD1(PAL:960×576,NTSC:960×480) resolution real-time recording
- Support VCA detection alarm (line crossing detection and intrusion detection)
- HDMI and VGA output at up to 1920×1080P resolution
- Support alarm push notification on mobile devices when alarm event occurs.
- Up to 16-ch synchronous playback

**Note:**  
VCA technology: Video Content Analysis technology, enabling alarm and record when detecting exceptional event, such as line crossing detection and intrusion detection.

	DS-7204HWI-E1/A	DS-7208HWI-E1/A	DS-7208HWI-E2/A	DS-7216HWI-E1/A	DS-7216HWI-E2/A
<b>Video/Audio input</b>					
Video compression	H.264				
Analog video input	4-ch	8-ch		16-ch	
IP video input	1-ch		2-ch		
	Up to 720P resolution		Up to 1080P resolution		
Video input interface	BNC (1.0 Vp-p, 75 Ω), PAL /NTSC self-adaptive				
Audio compression	G.711u				
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)				
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)				
<b>Video/Audio output</b>					
HDMI / VGA output	1-ch, resolution: 1080P: 1920×1080/60Hz, SXGA: 1280×1024/60Hz, 720P: 1280×720/60Hz, XGA: 1024×768/60Hz				
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480				
Encoding resolution	WD1 / 4CIF / 2CIF / CIF / QCIF				
Frame rate	25 fps (P) / 30 fps (N)				
Video bit rate	32 Kbps ~ 3072 Kbps, or user defined (Max. 3072 Kbps)				
Audio output	1-ch, RCA (Linear, 1 kΩ)				
Audio bit rate	64 Kbps				
Dual-stream	Support; Sub-stream: CIF / QCIF @ 25 fps (P) / 30 fps (N)				
Stream type	Video, Video & Audio				
Synchronous playback	4-ch	8-ch	16-ch		
<b>Hard disk</b>					
SATA	1 SATA interface	1 SATA interfaces	2 SATA interfaces	1 SATA interfaces	2 SATA interfaces
Capacity	Up to 4TB capacity for each disk				
<b>External interface</b>					
Network interface	1, RJ45 10M / 100M Ethernet interface				
Serial interface	1 RS-485 interface, half-duplex				
USB interface	2, USB 2.0				
Alarm in/out	4/1	8/4	8/4	16/4	16/4
<b>General</b>					
Power supply	12V DC				
Consumption (without hard disk or DVD-R/W)	≤ 10 W	≤ 10 W	≤ 15W	≤ 20W	
Working temperature	-10 °C ~+55 °C				
Working humidity	10% ~ 90%				
Dimensions (W × D × H)	315 × 242 × 45 mm		380 × 290 × 48 mm	315 × 242 × 45 mm	380 × 290 × 48 mm
Weight (without hard disk or DVD-R/W)	≤ 2 kg		≤ 4 kg	≤ 2 kg	≤ 4 kg

#### Rear Panel of DS-7216HWI-E2/A



1. VIDEO IN
2. VIDEO OUT
3. USB Interface
4. HDMI Interface
5. VGA Interface
6. AUDIO IN, RCA Connector
7. AUDIO OUT, RCA Connector
8. LAN Network Interface
9. RS-485 Serial Interface
10. 12VDC Power Input
11. Power Switch
12. GND
13. Alarm I/O

#### Available models

- DS-7204HWI-E1/A
- DS-7208HWI-E1/A
- DS-7216HWI-E1/A
- DS-7208HWI-E2/A
- DS-7216HWI-E2/A