

# H1016 - 16CH H.264 3G DVR



## Features

- H.264 Compression for Recording & Network
- Triplex for Recording, Playback and Network
- Supports D1 / HD1 / CIF Resolutions
- Supports Real-time Playback @ CIF
- Supports 100% Independent Network
- Mouse-control GUI (32 bit True Color)
- Supports CMS up to 256 Cameras
- Support 3G/GPRS Mobile Surveillance (iPhone)
- Support Touch Panel
- Supports 16 Languages
- Built-in VGA (1920 x 1080)
- Resolution & FPS Setup by Each Channel

## Specification

General	
OS	Embedded Linux
Mode	Triplex (Recording / Playback / Network)
Video	
Video Compression	H.264
Video System	NTSC / PAL
Video Inputs	BNC x 16 (Composite / 75/ Balanced)
Video Outputs	Main Monitor x 1
	Spot Monitor x 1
	VGA Output x 1 (1920 x 1080)
Audio	
Audio Input	RCA x 4
Audio Output	RCA x 1
Audio Backup	YES
Network Audio	Live and Playback
Audio Compression	G.711
External Alarm	
Alarm Input & Output	Input x 16, Output x 2
Display	
Display Resolution & Rate	NTSC: 480fps @ D1 (720 x 480)
	PAL: 400fps @ D1 (720 x 576)
Mode	Digital zoom x 2 ~ x 8 / PIP / Auto SEQ / Motion Pop-up Full Screen
Recording	
Recording Compression	H.264
Recording Resolution	NTSC: D1 (720 x 480) / HD1 (720 x 240) / CIF (360 x 240)
	PAL: D1 (720 x 576) / HD1 (720 x 288) / CIF (360 x 288)

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Recording Frame Rate	NTSC: 120fps@D1 / 240fps@HD1 / 480fps@CIF
	PAL: 100fps@D1 / 200fps@HD1 / 400fps@CIF
Recording Quality	5 Levels (Highest / High / Normal / Low / Lowest)
Recording Mode	Continuous / Motion / Alarm / Schedule
Recording Setup	Resolution and FPS can be set up by each channel
<b>Playback</b>	
Display	1 / 4 / 9 / 16
Playback Resolution	NTSC: D1 (720 x 480) / HD1 (720 x 240) / CIF (360 x 240)
	PAL: D1 (720 x 576) / HD1 (720 x 28) / CIF (360 x 288)
Playback Frame Rate	NTSC: 120fps@D1 / 240fps@HD1 / 480fps@CIF
	PAL: 100fps@D1 / 200fps@HD1 / 400fps@CIF
Playback Speed	Normal / REW / FF (2x, 4x, 8x, 16x, 32x, 64x) / Pause SF (1/2x, 1/4x, 1/8x)
Search Mode	Date / Time / Event / Motion / Camera
Watermark	Support Watermark and Scrambling Function
<b>Storage &amp; Backup</b>	
Internal HDD	SATA / SATAII HDD x 3 (3TB max.) or SATA HDD x 2 + SATA DVD Burner x 1
Backup Mode	SATA DVD Burner (optional) / USB / Network
<b>OSD &amp; DVR Control</b>	
GUI	32 bit True Color Mouse?Control GUI
Multi?language	16 Languages
IR Remote Control	YES
Touch Panel	Supports USB Touch Panel
PTZ Control	YES, Supports Pelco P / Pelco D / Samsung / LG / LiLin Protocol
<b>Network</b>	
Ethernet	RJ45, 10/100 Mbps
Service	TCP/IP, HTTP, DHCP, PPPOE (ADSL), LAN, DDNS
Independent Network	YES (100% independent)
Mobile Surveillance	YES (3G/GPRS) – Symbian, Windows Mobile, JAVA, iPhone, Blackberry, Android
Access Mode	IE / AP / CMS (free of charge)
<b>Event</b>	
Motion Detection	YES (16 x 12 Grids per channel)
Pre?alarm	10 sec
Post?alarm	1~60 sec
<b>Others</b>	
Power Input	DC 12V, AC 110/220V, AC115/230V
Dimension	430 x 293 x 55 (mm)
Weight	4.5 Kg
Certificates	CE / FCC / RoHs