

# H.264 Hexaplex 16CH Network DVR

MODEL

**2-DVR16N-10**



## High Resolution H.264 Hexaplex 16CH Network DVR with Smart GUI Interface



- ▶ 16 CH H.264 DVR with sixfold operation record, live, playback, back up, control, & remote access
- ▶ H.264 Baseline Profile video compression / decompression with configurable quality
- ▶ Realtime live display
- ▶ Bi-directional audio capabilities
- ▶ Audio in 4CH / audio out 2CH
- ▶ Ethernet for remote access, including web access, e-mail alarm notification and software upgrade
- ▶ I.E software for up to 4 DVRs
- ▶ USB 2.0 for video / audio backup to versatile USB 2.0 storage devices
- ▶ Internal DVD Models: Video / Audio backup to internal DVD, including DVD+RW and DVD-R (optional)
- ▶ 1 IR remote controller can control up to 4 DVRs
- ▶ Dust filter for harsh environments
- ▶ Multi-lingual support for setup and display
- ▶ Open system architecture for ease of access via network, RS-485 keyboard



Highest Quality – Best Performance

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SPECIFICATION		
System	O.S.	Embedded Linux 2.6
	Multiplex	Sixfold operation - simultaneous record, live, playback, backup, control, &
Video	Format	NTSC/EIA or PAL/CCIR
	Input	16CH, BNC, 1Vp-p/75ohm
	Main monitor	BNC x 1, S-video x 1, 1Vp-p/75ohm Optional VGA D-SUB 15-pin connector
	Main-AUX	BNC x 2 (Input x 1, Output x 1), 1Vp-p/75ohm
	Call monitor	BNC x 1, 1Vp-p/75ohm
	Call-AUX	BNC x 2 (Input x 1, Output x 1), 1Vp-p/75ohm
	Loop-through	16CH as Video Input, BNC, 1Vp-p/75ohm
	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
	Audio	Input
Output		2 RCA-jack connectors, line-out level (up to 2Vrms)
Record	Compression	Video: H.264
		Audio: ADPCM
	Frame rate (IPS) & Resolution	16CH models: NTSC – 60 / 720*480, 120 / 720*240, 240 / 360*240 PAL – 50 / 720*576, 100 / 720*288, 200 / 360*288
	Mode	Manual/Schedule/Alarm/Motion
Display	Resolution	NTSC – 720*480, PAL – 720*576
	Split windows	1/4//7/9/10/13/16
	Frame rate	Up to 30 (NTSC) / 25 (PAL) IPS per display window
	Freeze	Yes
	Sequential switch	User adjustable
	Digital Zoom	X2, X4
Playback	Frame rate (IPS) & Resolution	NTSC – 60 / 720*480, 120 / 720*240, 240 / 360*240 PAL – 50 / 720*576, 100 / 720*288, 200 / 360*288
	Search	Date/time, Camera, Alarm, Motion, & Video Loss
Storage	HDD	Up to 2 sets of 3.5" SATA type HDDs, 1TB storage size for each HDD Configurable auto-overwrite or not
	Backup	2 USB 2.0 ports for USB 2.0 disk drives, DVD+RW, DVD+R, DVD-R, card readers, HDD, etc. Internal DVD models: DVD+RW, DVD+R, DVD-R
Alarm	Input	16 contact or TTL/CMOS signal, polarity selectable
	Output	2 Normally Open, 2 Normally Closed relay output
Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector
	Web	Remote setup, monitoring, backup, alarm notification, 1 I.E. for up to 4 DVRs
	E-mail	Alarm notification to stationary or mobile devices
Reliability	System recovery	Auto power on after power loss recovery
	Dust filter	Industry-designed dust filter for harsh environments
Power	Source	90~264 VAC, 47~63 Hz
	Consumption	110W Max.
Operating Temperature		0°C ~ +45°C

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