



**CD3**  
**Video Security**

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## DVR-16CD Information



Detailed profile / description coming soon . . .

## DVR-16CD Technical Specifications

FPS Recording Maximum Frame Rate	400 frames per second total, 25 frames per second per camera (adjustable)
FPS Display Frame Rate	realtime 480 frames per second total, 30 frames per second per camera
Recording Resolution	maximum each camera: (NTSC): 720 (H) x 240 (V) / (PAL): 720 (H) x 288 (V)  each camera @ 15 FPS recording: (NTSC): 360 (H) x 240 (V) / (PAL): 360 (H) x 288 (V)  each camera @ 25 FPS recording: (NTSC): 320 (H) x 120 (V) / (PAL): 320 (H) x 144 (V)
Operating System	embedded realtime operating system
Compression Method	JPEG-2000
Compression Rate	adjustable compression rate controls image quality (basic, normal, enhanced, fine, super fine options)
Graphical User Interface Menus	easy to use on-screen programming guide
Backup Method	via built-in CD burner, via BNC to VCR or composite DVD video recorder, via internet / network operation
Video Motion Detection Capable?	standard and built-in (selectable in menu)
Video Motion Detection Options	16 x 12 area division on/off selector grid for each camera
Monitoring Options	digital zoom, freeze function, picture-in-picture, single camera, sequential switching, split screen 4, 8, or 16 cameras
Playback Options	search, zoom, still image capture
Alarm/Event Recording Capable?	yes, with built-in external alarm input / output ports (16 in, 1 out)
Network Operation Capable?	advanced networking functions with included client software using WAN or LAN router
Remote Internet Viewing Capable?	advanced networking functions with included client software using WAN or LAN router
Ethernet/Modem Built-In?	10M / 100M ethernet standard and built-in
Dynamic / Static IP Address Support	supports static IP addresses OR capable of dynamic IP address support using FREE factory-supplied DDNS IP address monitoring service
Language Support	English, Spanish, German, Italian, French
Standard HDD Capacity	500 GB
HDD Storage Consumption	80 ~ 350MB/hour channel variable based on frame speed and resolution settings, as well as compression
HDD Speed	7200 R.P.M. + 8 MB buffer
Includes Remote Controller?	free wireless IR remote controller
Simplex/Duplex/Triplex Operation?	triplex operation (simultaneous recording, playback, network operation)
Number of Video Inputs	sixteen (16) video inputs for sixteen (16) cameras total
Video Input Type	composite 1 Vp-p @ 75 ohms unbalanced
Audio Recording Capable?	video-only recording support
Number of Video Outputs	two (2) composite video monitor / external recorder outputs + sixteen (16) loop-through camera outputs (one for each camera input)
Video Output Type	composite 1 Vp-p @ 75 ohms unbalanced
Video Input Plug	16 x BNC (connect easily to RCA with included adapter)
Video Output Plug	2 x BNC (connect easily to RCA with included adapter) (loop-through) 16 x BNC (connect easily to RCA with included adapter)
Pan/Tilt/Zoom Protocol Drivers Built-in	Pelco-D, Pelco-P and many others

## DVR-16CD Technical Specifications (cont.)

Input Voltage	12 volts DC
Power Consumption	5 amps or less
Power Input Plug	proprietary 6-pin plug for use with FREE included 110v/230v AC/DC power transformer
Operating Temperature	-5°C ~ +55° C
Operating Humidity	less than 95%
Dimensions	17.3" x 15.5" x 3.5" / 436mm x 396mm x 88mm
Weight (std. HDD configuration)	21.9 lbs. / 10kg
Cord Length	6' / 1.75 meters power cable included (US plug)
Warranty	two (2) years
*Additional Features	advanced networking functions including dynamic IP address support via FREE factory DDNS service, accepts PAL or NTSC video (auto-sensing), global power supply handles 110v ~ 230v AC, superior video motion detection performance, post-alarm recording with duration adjustment, power transformer included FREE, multi-level password protected, plug & play BNC adapters included FREE
*Options	optional network video server for IE browser internet viewing