



DR16NRT SERIES
16 CH 480 IPS REAL-TIME DVR

DIGIMASTER



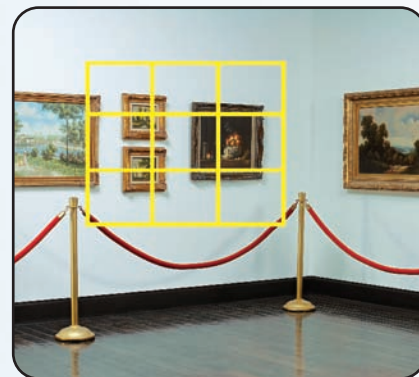
FEATURES

- 480 IPS Real-Time 16-Channel DVR
- USB Mouse & Keyboard Control
- High Image Quality - X VGA Live Display
- Efficient MPEG-4 Compression
- 4 Spot Outputs with Quad Display
- Pentaplex Operation
- Standard DVD writer
- Advanced Smart & Panorama Search
- Up to 3 TB Storage Capacity
- Archive to DVD or Thumb Drive
- Remote Viewing & Playback with PTZ Control

SmartSearch Technology

SmartSearch gives you advanced features typically found in higher priced DVRs:

- Museum/Motion search— Specify areas of recorded images as “hot spots”, and quickly recall images based on activity in that area.
- Frame by Frame search— Scan by previewing up to 16 individual frames at once in an intuitive on-screen interface.
- Panorama search— Simultaneously review up to 8 “windows” of specified times within a recording.



A Work of Art. SmartSearch lets you quickly find any activity recorded in specified areas.



CBC (AMERICA) Corp.

NEW YORK: 55 MALL DRIVE • COMMACK, NY 11725
TEL: 1 (800) 422-6707 • (631) 864-9700 • FAX: (631) 543-5426
CALIFORNIA: 20521 EARL STREET • TORRANCE, CA 90503
TEL: 1 (800) 888-0131 • (310) 793-1500 • FAX: (310) 793-1506
www.cbcamerica.com

MODELS

DR16NRT	w/no hard drive	DR16NRT-1.5TB	1.5 TB HDD
DR16NRT-250	250 GB HDD	DR16NRT-2TB	2 TB HDD
DR16NRT-500	500 GB HDD	DR16NRT-2.25TB	2.25 TB HDD
DR16NRT-750	750 GB HDD	DR16NRT-3TB	3 TB HDD
DR16NRT-1TB	1 TB HDD		

Accessories

DR-RM2 Optional 19" Rack Mount Kit



SPECIFICATIONS

Operation	PENTAPLEX	PENTAPLEX performance (Simultaneous Live Display/Recording/Playback/Archiving/ Networking effectively without interfering each other operations)
Video In	Channels	16
	Connection	BNC, 1.0Vpp composite 75ohm balanced
	Loop through	BNC, 1.0Vpp composite 75ohm unbalanced, auto termination
Audio In	Channels	4
	Connection	line level unbalanced
Main Displays	BNC	1.0Vpp composite 75ohm unbalanced
	VGA	15 pin D-SUB 1024 x 768 @ 60Hz
	Screen display modes	1, 4, 9, 16 - User defined channels for each model
	Sequence	Adjustable dwell time, user defined sequences
Spot Displays	Channels	4 fully programmable
	Connection	BNC, 1.0Vpp composite 75ohm unbalanced
	Display mode	Full screen sequence, adjustable dwell time
Audio Out	Channels	1
	Connection	RCA, line level unbalanced
External Alarm	Inputs	16(16 Open collector TR), NO or NC common ground
	Outputs	16, high(+5V) or low(0V) selectable, common ground
User Interface	On screen display	GUI, alpha blending
	Control	Front panel/IR Remote/USB Mouse
Recording	Video CODEC	MPEG-4
	Resolution options for each channel	CIF (352 x 240, 352 x 288), 2 CIF (704 x 240, 704 x 288), D1 (704 x 480, 704 x 576)
	Maximum total frame rate	480 FPS (NTSC)
	Image quality	Highest, High, Standard, Low
	Pre-event recording	5 seconds max
	Recording modes	Continuous / Motion detection / Alarm / User event / Panic
	Frame rate options for each channel	30 - 15 - 7.5 - 4 - 2 - 1
	Schedule Configurable recording time limits	Weekly / Daily per Camera
	Audio	Audio inputs independently assigned to each channel
	Motion detection	16 x 16 selectable grid with 10 levels of sensitivity
	Covert recording	Yes, selectable by channel
	Camera title	English and Numeral
Playback	Search method	Calendar / timeline, event log, Sequence, Thumbnail, Smart Search
	Split screen display modes	1, 4, 16
	Audio synchronization	Yes, any frame rate
Archiving	Storage	DVD±RW (CD-RW option), USB Memory stick, Network
	Format	Watermarked AVI, JPEG
	Archive data	Independent channels selection (video / audio), backup log, event log
Time	Time zone	Worldwide, Selectable
	DST	Yes
PTZ	RS-485	Multi protocol, baud rate and speed control for each channel
System	Watchdog	Yes
	Abnormal shutdown detection	Yes, with system auto recovery
	HDD error detection	Yes, SMART monitoring
Network	Connection	RJ45, 10 / 100 Ethernet
	Two way network audio	Yes
	Bandwidth management	Yes
	Remote client	Client software (included), Remote configuration, Remote PTZ control, Email event notification
	Storage	4 x HDD maximum
	Recording options	Write once / Overwrite
Event Handling	Source	Alarm in, motion detection, video loss, HDD error, User event
	Action	Record, alarm out, email notification, log, remote client popup, buzzer, full screen
Security	User levels	ADMIN, MANAGER, USER
	Key Lock	Yes, password protected
Physical	Dimensions	428mm(w) x 475mm(d) x 93mm(h)
	Weight	19.1 lbs



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