H.264 Network DVR

DR-1 Series *4, 8, and 16 Channels Available*

IR remote control included for easy programming and playback.

iPhone and iPad Compatible **Android Compatible**

Smartphone Compatible **BlackBerry Compatible**

PC / Mac Compatible **Free DDNS Server**

Free CMS Software **3 Year Warranty**

Features:

- ▶ High resolution recording: Up to 720x480 D1.
- ▶ VGA output (up to 1280x1024 resolution).
- ▶ HDMI output (up to 1920x1080p).
- ▶ Allows simultaneous live view or playback while still continuing to record, network transfer, and back up data.
- ▶ H.264 video compression records twice as much data as DVRs that use MPEG or MJPEG without sacrificing video quality.
- ▶ Easily connect to DVR through the internet or a local intranet via IE 6 or above for remote viewing, recording, and dome control.
- ▶ Remote access via PC, MAC, or Java based smart phones such as the iPhone®, Android™, Windows Mobile®, phones using the Symbian OS™, and BlackBerry®.
- ▶ Per channel recording priority programmable for schedule, alarm, motion, or continuous.
- ▶ Dual stream support for simultaneous access from a PC, MAC, and/or a cell phone at low bandwidth.

- ▶ Free CMS software included for remote playback, along with recording and backup to an offsite location.
- ▶ Free DDNS server for use with Dynamic IP addresses.
- ▶ Event notification, along with optional video file attachment.
- ▶ Twin SATA controller for expandable HDD storage up to 4TB.
- ▶ Dedicated audio channel for each video channel.
- ▶ Two USB 2.0 ports for backup of recorded files or quick export of recorded video.
- ▶ RS-485 control protocols for most PTZ cameras
- ▶ Rack mount or stackable.
- ▶ Optional rack-mounting brackets available.
- ▶ EZ Copy: Simple one-button video export (.DRV or .AVI).
- ▶ Supports internal SATA or external USB DVD/RW for easy backup and video export.
- ▶ Network hardware supports 10/100 Mbps.
- ▶ On-screen menu with 24 built-in languages.
- ▶ 3-Year warranty (including HDD).

Ordering Information:

4 Channels		8 Channels		16 Channels	
DR-104Q	*120PPS, No HDD*	**DR-108Q**	*240PPS, No HDD*	**DR-116Q**	*480PPS, No HDD*
DR-104-500Q	*120PPS, 500GB*	**DR-108-500Q**	*240PPS, 500GB*	**DR-116-500Q**	*480PPS, 500GB*
DR-104-1.0TQ	*120PPS, 1TB*	**DR-108-1.0TQ**	*240PPS, 1TB*	**DR-116-1.0TQ**	*480PPS, 1TB*
DR-104-2.0TQ	*120PPS, 2TB*	**DR-108-2.0TQ**	*240PPS, 2TB*	**DR-116-2.0TQ**	*480PPS, 2TB*

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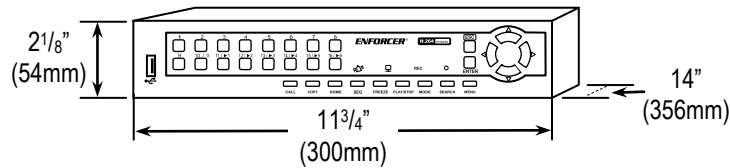
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The SECO-LARM policy is one of continual development. For that reason, SECO-LARM reserves the right to change prices and specifications without notice. SECO-LARM is not responsible for misprints.

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Dimensions:

2¹/₈" (54mm)

11³/₄" (300mm)

14" (356mm)

Specifications:

			DR-104Q*	DR-108Q*	DR-116Q*
Video	Operating system		Embedded Linux		
	Inputs		BNCx4, 1.0Vp-p, 75Ω	BNCx8, 1.0Vp-p, 75Ω	BNCx16, 1.0Vp-p, 75Ω
	Outputs	Main monitor	BNCx1, 1.0Vp-p, 75Ω		
		Call monitor	N/A	BNCx1, 1.0Vp-p, 75Ω	
	HDMIT output		1024x768, 1280x1024, 1920x1080p		
	VGA output		800x600, 1024x768, 1280x1024 pixels		
Audio	Input		RCAx4, Line-in	D-Sub, Line-in	
	Output	Main audio	RCAx1, Line-out		
		Call audio	N/A	RCAx1, Line-out	
	Data rate		8kb/s Per channel		
Recording & Storage	Compression method		H.264		
	Recording modes		Continuous, schedule, alarm, motion detection		
	Pre-alarm		Yes		
	Recording resolution & rate	NTSC 720x480	Max. 60PPS	Max. 60PPS	Max. 120PPS
		NTSC 720x240	Max. 120PPS	Max. 120PPS	Max. 240PPS
		NTSC 360x240	Max. 120PPS	Max. 240PPS	Max. 480PPS
		PAL 720x576	Max. 50PPS	Max. 50PPS	Max. 100PPS
		PAL 720x288	Max. 100PPS	Max. 100PPS	Max. 200PPS
		PAL 360x288	Max. 100PPS	Max. 200PPS	Max. 400PPS
	Recording quality		8 Presets levels, adjustable		
	Image size		1kB to 22kb/Picture		
	Storage mode		Linear/Circular		
	Data lifetime		Yes (Programmable)		
	Built-in storage interface		2x SATA (4TB max.)		
	Export		USB 2.0 Port – Supports flash drive or external USB HDD		
Alarm	Alarm input		x4 via, D-Sub (TTL)	x8 via, D-Sub (TTL)	x16 via, D-Sub (TTL)
	Alarm relay output		x1, D-Sub, 1.0A@30VDC		
	Alarm detection		NO/NC, Programmable		
	Motion detection		16x12 Grid array, sensitivity, trigger level adjustable		
	Video loss detection		Programmable		
Connectivity	Network connectivity		RJ-45, 10/100Mbps Ethernet, static IP, DHCP, PPPoE, and DDNS		
	Remote control software		Mac®, Java™, CMS, IE 6/7/8		
	Remote operation		Monitoring, playback, recording, system setup, dome camera control, archiving		
	Mobile viewing		iPhone®, Android™, Window Mobile®, Symbian™, BlackBerry®		
	RS-485		D-Sub		
	IR Remote		Yes		
	Dome camera control protocol		Pelco P, Pelco D, AD422, Fastrax 2, Panasonic, GE, DSCP, JVC		
	USB		2x USB 2.0 (Exporting, USB Mouse)		
General	Dimensions (WxHxD)		11³/₄" x 2¹/₈" x 14" (300 x 54 x 356mm)		
	Weight		Approximately 10-lb (4.5kg)		
	Operating temperature		32°~104° F (0°~40° C)		
	Relative humidity		10%~90% Non-condensing		
	Power Adapter		AC 100~240V, 50-60Hz, 60W adapter (included)		

*Each model is available with or without a hard drive. (500GB, 1TB, or 2TB)

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