



 Digital Video Management System

DINA[®] DVR Lite Servers

DINA[®] DVR Lite is a digital video recorder / image server specifically designed for smaller applications or for surveillance situations with up to eight cameras. DINA[®] DVR Lite is a cost effective digital solution where tape based analog storage technology is the norm. Like all DINA[®] products, the DVR Lite has been developed with ease of use as the highest priority.

Local recording – remote operation

The DINA[®] DVR Lite eliminates the restrictions of physical distance as it can be accessed from virtually anywhere in the world. The standard DINA[®] Viewer and the optional DINA[®] Controller software can easily be installed on a client PC enabling remote viewing and operation of the DVR Server over TCP/IP networks. The server also supports the DINA[®] RMC (Remote Monitoring Center) software.

Efficient data retrieval

DVR Lite features powerful search functions: The graphical activity search tool gives an intuitive overview of recorded activity. The dedicated alarm or event list it is another easy way to access recorded events. No more viewing hours of VCR tape to find the images you are seeking.

Value for your money

DINA[®] DVR Lite is an affordable and reliable Digital Video Server that is network accessible, allowing remote viewing and monitoring of smaller scale applications.

Models

Local recorder: DVR Lite xC-zzz

Network server: DVR Lite xNC-zzz

x = channels (4/8), zzz= HDD size (GB)



Key Features

- Digital recording on hard disk from 4 or 8 video inputs
- Up to 160 GB internal storage capacity
- Continuous, motion-based and event-triggered recording
- Individual camera settings
- TCP/IP network connection (option)
- Image search from alarm log or through the graphical activity search tool
- Optional dome camera control through the GUI locally or with client programs
- Alarm input and output lines; built-in relays and opto-isolation with optional I/O card
- Standard DINA[®] Lite Viewer or browser-based DINA[®] NetViewer client software for remote real time viewing and image retrieval
- Optional DINA[®] Controller client software for remote system configuration
- Optional DINA[®] RMC (Remote Monitoring & Control) client for alarm centers
- Image authentication tool (watermarking)

DINA® DVR Lite

Operational

Digital Video Recording System

Storage capacity	Standard 80 GB; optionally 160 GB (8-channel only). Operating system on a separate 20 GB hard disk.
Archiving format	Diskette: optional CD-RW, NAS or RAID
Record modes	Motion detection, continuous or event triggered (with calendar)
Video Standard	PAL / NTSC
Operating System	Windows® XP
Compression	JPEG
Supported languages	Danish, English, Estonian, Finnish, French, German, Norwegian, Russian, Spanish, Swedish

Image rate settings

System (max)	32 ips
Single camera (max)	4 ips

Image Size

Average size	15 to 20 kB
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Image Resolution

Standard	CIF (352 x 288 pixels)
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Events

Settings	Event source (camera, input, no signal), pre-and post-event recording duration and rate, network alarm (NC), output contact, dome camera preposition
Adjustable duration	Pre-event recording 1 to 15 minutes or 1 to 100 frames Post-event recording from 1 to 60 seconds
Calendar	Programmable recording for each day of the week in one-hour increments

Security and image authentication

Password	Settings, main panel unlocking, Network
Image Authentication	Images are watermarked before exporting

User Interface

User interface Settings	Mouse and/or keyboard control Individual camera settings, event settings, passwords, backup settings and user language
Main panel Settings	Accessed via mouse Camera, alarm and user settings
Telemetry control	Drivers for Sensormatic, Pelco, Philips, Panasonic, JVC and Ernitec dome cameras

Remote client software (NC models only)

Standard	DINA® Lite Viewer (Win XP/2000) and DINA® NetViewer (Win 98/ 2000/ME/NT/XP; requires Internet Explorer 4.0 or newer)
Optional	DINA® Controller (Win XP/2000/NT and DINA® RMC (Remote Monitoring Center)

Inputs / Outputs

Video inputs	4/8 composite inputs, 1 V _{p-p} 75 Ω BNC
Alarm Inputs	4/8 inputs
Optional I/O Kit	4/8 optoisolated inputs; 2/4 relay outputs (max 0.1 A)
Network host interface	Optional TCP/IP Ethernet interface

Backplane Connectors

Power	250 W, 115/230 VAC, 50/60 Hz
Keyboard, Mouse	PS/2
Digital SVGA Monitor	1024 x 768 pixel resolution
Printer	One DB25-S, parallel
Network	RJ-45, Ethernet 10/100
USB ports	Six USB 2.0

Dimensions

H x W x D	368 x 175 x 420 mm
Weight	10,9 kg

Ambient

Temperature	5 – 40 °C
RH	0 – 80 % RH, non-condensing



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