

Commercial  
Digital Video Recorder



C-48016EX-R



**WatchNET**  
Integrated Digital Technologies



Hi Resolution Recording

Intelligent Search and Text Search

Audio Recording Capability

Voice Notification by Phone

Alarm and Card Access Integration

Enterprise Level Protection

Web Server

Multi Site, Multi Client and Multi User

Network and Local Backup

E-Mapping

POS

Remote Viewing and Notification

Redundant Array of Independent Disks

Various recording modes - 352X240, 704X480.

Smart object search, panorama search, thumbnail display, text search and bookmark function.

Recording of audio on 2 channels.  
(Expandable to 16 optional upgrade)

Play pre-recorded wave files (modem required).

Programmable inputs and outputs to integrate with alarm and card access panels

Fully scalable camera configurations for all applications

Built-in web server with search, sound, PTZ and control function. Auto reconnect function

100 + sites, multi user capability with full DVR control and search.

Powerful backup function, local /LAN.

Mapping software to pinpoint site locations and camera locations. (Additional software required)

Universal protocol for any POS and ATM machines

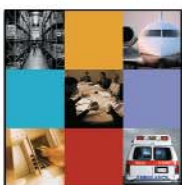
Remote connection from any location, instant visual verification of alarms for quick response notification by alarms, disk info and email with image.

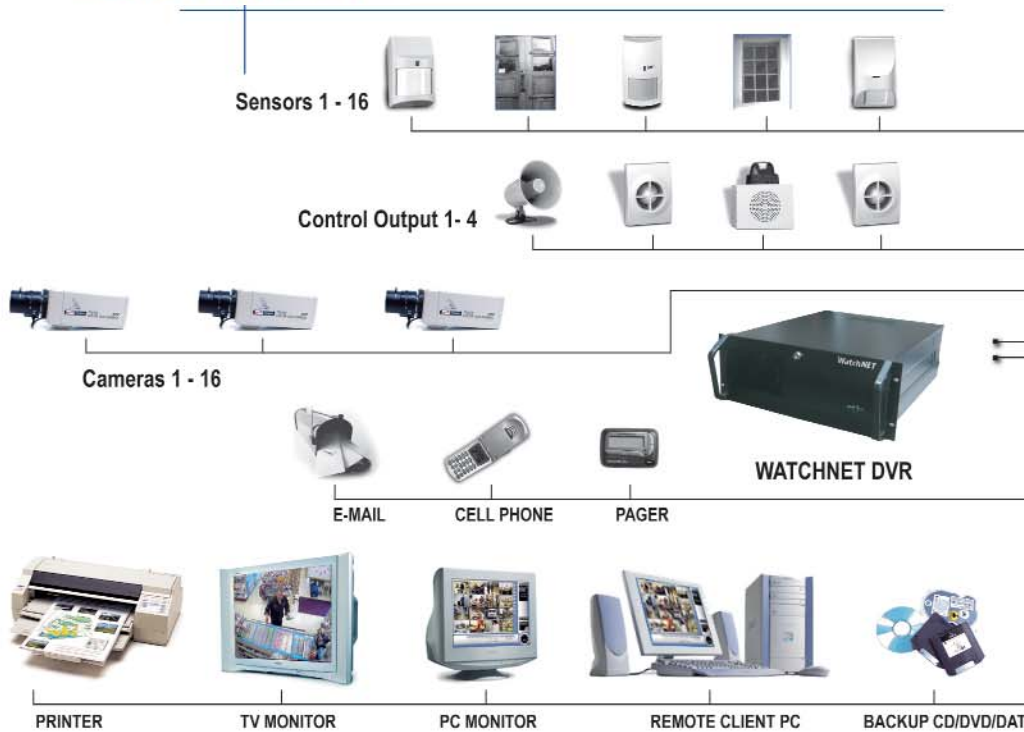
RAID 1 & RAID 5 Optional

\* One year on HDD

www.watchnetdvr.com

Division of  
**Videon**  
Integrated Digital Technologies Ltd.





**DVR Specifications**

DVR Camera Inputs	16 camera inputs
Frames per Second	480 fps total
DVR Camera Inputs	Main monitor (PC SVGA Monitor) and CCTV monitor - switching output BNC and multiplexed output available.
Display Speed	480 fps NTSC (32 or 64 Mb Video RAM)
Recording Speed	480 fps NTSC
Compression Method	H.264 (hybrid on board CPU)
Resolution	Full Screen - 800 x 600, 640 x 480, 640 x 240 and 320 x 240
Screen Format	1, 4, 6, 9, 10 and 16 divisions and alarm pop ups
Recording Structure	Specified image database and AVI
Security Function	1.Self-oriented database structure (access impossible) 2.Thumb Print protection (deciphering impossible) 3.Password protection with 3 different levels of password authority 4.Windows block 5.Covert camera function
Recording Method	Various types of recording modes: Normal, Motion, Watch, Alarm, Normal and Event
Motion Detection	Full or partial motion detection. Customized tones can be selected for each camera
Transmission	PSTN, ISDN, LAN, WAN support Internet - static and dynamic
Audio Recording	2 standard/16 optional
Alarm In/Out	16 inputs, 8 outputs-time controlled
Storage	250GB HDD/DVDRW
Multitasking	Simultaneous live display, recording, playback, archive and remote transmission.
Searching Method	<b>NEW</b> Smart object/text search and panorama search - provides immediate image retrieval on one or all cameras
Image Enhancement	Image enhancement functions include: 1. Up to10X image enlargement for full frame playback 2. Zoom in/out, sharpness, B/W, hue, saturation, contrast, and brightness
Remote View	Multi-connect client software and web browser
Back-up Function	Auto or manual backup feature (DVD, CDR-W and Network)
OSD Function	Camera ID, location, status, and mode display
Media Back-up	Standard CDR-W, DVD and USB Key.
Watchdog	Hardware watchdog - auto reboot (Time controlled)
Warranty	3 years parts and labor on DVR, 1 year parts and labor on hard disk

*All product specifications on this brochure are subject to change without notice.*

351 Ferrier Street Unit 5  
Markham, ON L3R 5Z2  
Tel: 416-410-6865  
Fax: 1-866-331-3341  
Toll Free: 1-866-843-6865

Suite 105, 275 Cooper Ave  
Tonawanda, NY 14150 USA  
Toll Free: 1-866-843-6865  
Local: (716) 877-7277  
Fax: 1-866-331-3341

[www.watchnetdvr.com](http://www.watchnetdvr.com)



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