

When Failure is Not an Option!



C-MAX

HARDENED
Digital Video Recorder
HDVR680

Perfect for your DVR needs!

WTI's C-MAX Hardened DVR seamlessly combines various recording modes with internal motion detection features, fast search capabilities, external alarm inputs and built in relay outputs. Storage is provided on an internal 1.8" HDD, highly resistant to operating shock and is available in 80GB or 160GB storage capacity. WTI's C-MAX Hardened DVR runs as a server on any TCP/IP network and can be completely controlled via the network through WTI's suite of client software.

Features include:

- Non PC based.
- Linux Embedded Operating System.
- USB support.
- Loss of video detection.
- Motion detection.
- Autoconfiguration.
- Relay outputs.
- Alarm inputs.
- Pre-alarm recording.
- Image print.
- Image/video export.
- Image/video export authentication.
- Firmware upgrade via network.
- Compatible with existing networks.



www.gotowti.com

An ISO 9001:2000 Certified Company

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WTI ~ C-MAX Hardened Digital Video Recorder (DVR) HDVR-680, 6-channel

Video Inputs	6 - 12 optional
Loophrough	Yes
Audio Channels	1
Audio Output	1
Alarm Inputs (optoisolated)	8
Auxiliary Outputs (relay)	8
Internal Storage Archive	80/160GB 1.8"
Recording Speed	100/120 IPS* in CIF, 50/60 in 2CIF, 25/30 in 4CIF/D1
Resolution	4CIF/D1 - 2CIF - CIF - QCIF
IPS per Camera	From 1 IPS a 25/30 IPS*
Compression Algorithm	MPEG4 Main Profile
Transmission Algorithms	MPEG4 Main Profile, MPEG4 Adaptive
Max. Simultaneous Connection	10
Ethernet Port	10/100MB
USB Port	Yes
Serial Interface	RS232 / RS422
Operating System	Linux embedded on flash memory
Main Processor	MIPS32, 400Mz
Power Supply	12VDC \pm 5%
Power Consumption	20 W
Operating Temperature	41° - 131° F (5° - 55° C)
Relative Humidity	8 - 90% non-condensing
Operating Shock	100G / 2ms
Operating Vibration	0.67G / 22-500hz
Weight	5lbs. (2.3Kg)
Dimensions	9in x 7.5in x 2.5in (230 x 190 x 64 mm)



Back view of the HDVR680

HIGH PERFORMANCE AND QUALITY

- No performance degradation with unsynchronized cameras.
- Recording speed up to 200/240 IPS.
- True Pentaplex Functionality - simultaneous recording, playing, viewing, archiving and transmitting at all times, regardless of image content or system activity.
- Compression and transmission algorithms MPEG4 Main Profile and MPEG4 Adaptive.
- Hardware compression for guaranteed performance..
- PTZ Control - fully integrated multi-vendor PTZ support with minimum latency.

REAL TIME MOTION DETECTION

- Integrated motion detection configurable for each input.

FULL NETWORKING

- Powerful networkability - true client-server architecture with full remote control via TCP/IP.
- Integrated web video/audio server.
- High quality video transmission on extremely low bandwidth.

EASY TO USE

- Point-and-click graphic user interface for simple, immediate and precise control.
- Visual Search - fast and easy access to all recorded material, simple and effective.
- Flexible user management - control access to cameras, functions, bandwidth by user.

TOP SECURITY

- Embedded hardware architecture.
- Embedded operating system.
- Integrated firewall for direct Internet connection.

COMPATIBLE SOFTWARE

- RemoteControl - Full TCP/IP Client.
- RemoteView - Simple TCP/IP Client.
- VisionWeb - Internet Explorer TCP/IP Client.
- SiteManager - Full TCP/IP Multi-server Client.

HARDWARE OPTIONS

- 12VDC power supply.
- USB I/O extension board.