

DATASHEET



COST EFFECTIVE, REAL TIME DIGITAL VIDEO SYSTEM

The DV-IP Express is designed for small and medium sized security applications requiring optimal video recording using analog cameras. It features Dedicated Micros new third generation video codec processors that support real time recording and multi-screen display, as well as advanced video timeline search, GUI maps and electronic zoom functions. The DV-IP Express' compact size is ideal for desktop or shelf placement.

MultiMode **PowerScript** **TransCoding**

FEATURES

- 8, 12 & 16 video channel models
- Up to 30 PPS per video channel at CIF recording resolution; 480 PPS total
- 3 USB ports and built-in DVD-R writer; up to 2TB internal HDD storage
- VGA monitor output
- Managed Storage Unit via a SATA connection to expand storage capacity up to 5TB
- Flexible control options include IR remote, USB keyboard, USB mouse or remote client
- NetVu Connected - ensures interoperability of all Dedicated Micros NetVu connected products and third-party integration products
- **MultiMode** Recording - dynamically switchable resolution, record rate and compression per camera (MPEG-4 & JPEG)
- **TransCoding** - maximizes data transmission over available bandwidth for efficient remote viewing
- Simultaneous record, playback, image archiving and live viewing
- Same local and remote user interface for programming, administration and remote viewing
- Color-coded soft key menus provide consistent operation regardless of the control device used
- Video Timeline for the control and navigation of playback video; color-coded soft keys allow incremental video search in seconds, minutes, hours, days or weeks
- Map set-up to quickly and easily select cameras and navigate around the CCTV system
- Pan Tilt Zoom (PTZ) control using Coaxitron and most popular protocols
- Supports Dedicated Micros Oracle dome Point&Go on-screen pan/tilt control and Absolute Positioning to select and move cameras to an area of the site using a mouse
- Compatible with Windows PC, Apple Macintosh, Linux and Sun operating systems



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SPECIFICATION

DV-IP-Express 8, 12 and 16 channel models		
	Operating System	Embedded
	Dimensions (HxWxD)	3.5" x 17.3" x 17"; (89mm x 440mm x 430mm)
	Operating Temperature Range	41° - 104° F (5° - 40° C)
	Operating Humidity Range	10% - 85% non-condensing
	Weight	21.4 lbs (9.7 kg) includes built-in PSU
Video	Power	Input: 100 - 240v AC, 50/60Hz
	Video Inputs	8, 12 and 16; BNC
	Operation	NTSC or PAL capable; simultaneous live, record, playback, remote and internet access
	Maximum PPS, total (NTSC)	240, 360 AND 480 PPS
	Live Video Resolution (Main Monitor)	720 X 448
	Recording	MPEG-4 and, or JPEG @ QCIF, CIF, 2CIF; and 4 CIF
	MultiMode (Recording Algorithms)	Dynamically changes record rates, resolutions and compression setting for each camera
	TransCoding	User selectable MPEG-4 and, or JPEG network transmission
	Camera Types Supported	Analog
	Camera Installation	Analog - Plug and Play
	Snapshot/Video Clip	Yes
	Video Motion Search	Yes, cell grid 16 x 14
	Video Outputs	Main (VGA and/or Composite) and Spot (Composite)
	Audio Input/Output	2ch bi-directional; 2-way and network and local audio playback
Audio	Audio Connections	Line in: 47K, 1Vpk-pk, RCA; Line out: 1V pk-pk, RCA
	Network Audio	Yes
	Local Audio Playback	real time audio record and playback
	Camera Associated Audio	up to 8 channels
	Internal Capacity	500GB, 750GB, 1.0TB, 1.5TB and 2.0 TB
Storage	Managed Storage Capability	Expansion unit via external SATA connection (up to 5TB of extra storage)
	Built-in DVD	DVD-R / CD-R
	Export	DVD-R / CD-R or USB (1 front, 2 rear)
	Alarms and Relays	9(8ch), 13(12ch) or 17(16ch) normal open/closed, tamper proof inputs; 1 Aux.NO/NC alarm; 4 relay outputs
Alarms	Relay Output options	Activity, Alarm or Camera Fail
	Alarm Log	Yes
	Alarm Reporting by email	Yes
	Display Alarm on Monitor	Local or Network (via NetVu Observer)
	Simple Activity Detection	Yes
Networking	Network Features	DHCP Capability, File Export, PTZ Control, Bandwidth Management, Remote Administration, Password Protection, FTP Server Support, Built-in Firewall, NIC= 10/100
	Remote PC Client	NetVu Observer; Windows PC, Apple Macintosh, Linux and Sun compatible
Other Features	Remote Web Browser Client	Viewing, Administration and Programming; Windows PC, Apple Macintosh, Linux and Sun compatible
	POS/ATM Text support	Yes, includes keyword
	PTZ Control	Serial and Coax; multiple protocols
	Software upgrade	USB, CD or remotely by computer
	Keyboards	DM models KBC1 (PTZ button controls) and KBC2 (built-in PTZ joystick)
	Remote Control and Mouse	IR remote and USB mouse
	Video Motion Detection	Programmable 16x4 grid, 5 levels sensitivity per camera; 16 trigger zones with individual sensitivity zones per camera
	Mounting	Desktop, Shelf
	Serial Ports	4 ports for RS232 and RS 485 connections
	Developer Support	DM Software Developers Kit
	Warranty	3 Year Advanced Replacement

PRODUCT CODES		
DV-IP EXPRESS, 8 CHANNEL, 30 DAYS, 500GB HDD		DVPE/8X30/A
DV-IP EXPRESS, 12 CHANNEL, 30 DAYS, 750GB HDD		DVPE/12X30/A
DV-IP EXPRESS, 12 CHANNEL, 60 DAYS, 1.5TB HDD		DVPE/12X60/A
DV-IP EXPRESS, 16 CHANNEL, 14 DAYS, 500GB HDD		DVPE/16X14/A
DV-IP EXPRESS, 16 CHANNEL, 30 DAYS, 1TB HDD		DVPE/16X30/A
DV-IP EXPRESS, 16 CHANNEL, 60 DAYS, 2.0TB HDD		DVPE/16X60/A
OPTIONAL ACCESSORIES		
DIGITAL KEYBOARD WITH JOYSTICK		KBC2
DIGITAL KEYBOARD		KBC1
KEYBOARD EXTENDER KIT		KBC/ACC
POS INTERFACE BOX		SIDG
NETVU CONSOLE; REMOTE VIEWING STATION		DVPB/CON
MANAGED STORAGE UNIT FOR SATA NETVU CONNECTED; 1.25, 2.5, 3.75, 5 TB HDD		MSUA2T5

PLEASE CHECK THE WEBSITE OR YOUR LOCAL REPRESENTATIVE FOR PRODUCT ORDERING INFORMATION AND OTHER DEVELOPMENTS

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