

# DATASHEET

**HYBRID**



## PROFESSIONAL VIDEO SYSTEM WITH NEW ADVANCED FEATURES

The new Dedicated Micros DV-IP Server is a high performance Hybrid video server designed for professional surveillance applications. The DV-IP Server contains a host of new features and capabilities including support for local control, the new Enhanced User Interface, an Embedded NetVu Console for viewing remote cameras and external SATA support for increased storage options. The DV-IP Server also includes all the features you would expect from a Dedicated Micros DVR—**TransCoding**, **MultiMode** recording in either JPEG or MPEG format and Coax & Serial Pan-Tilt-Zoom control.

***AnalyticsCapable***   ***MultiMode***   ***PowerScript***   ***TransCoding***

## FEATURES

- 8, 12 & 16 video channel models
- Up to 120 PPS total at 4 CIF recording resolution
- Simultaneous IP, megapixel and analog streaming and recording
- 3 USB ports and built-in DVD-R writer; up to 1.0TB internal HDD storage
- Managed Storage Unit via a SATA connection to expand storage capacity up to 10TB
- 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
- Access up to 1,980 cameras from the local control of the DV-IP Server using Embedded NetVu Console
- 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
- **AnalyticsCapable** (software upgrade required)
- Compatible with Windows PC, Apple Macintosh, Linux and Sun operating systems



# SPECIFICATION

		DV-IP Server
	Operating System	Embedded
	Dimensions (HxWxD)	3.5" x 17.3" x 17"; [89mm x 440mm x 430mm]
	Operating Temperature Range	41° to 104° F ( 5° to 40° C)
	Operating Humidity Range	10% - 85% non-condensing
	Weight	25.1 lbs (11.4kg) with built-in power supply
Video	Video Inputs	8, 12, 16, looping, BNC
	Operation	NTSC or PAL capable; simultaneous live, record, playback, remote and internet access
	Maximum PPS, total (NTSC)	480pps@CIF, 240pps@2CIF, 120PPS@4CIF
	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
		User selectable MPEG-4 and, or JPEG network transmission
		Plug and Play
Audio		Yes
		Main (Composite/S-Video) and Spot (Composite)
		2ch bi-directional; 2-way and network and local audio playback
		Line in: 47K, 1Vpk-pk, RCA; Line out: 1V pk-pk, RCA
	Network Audio	Yes
Storage	Local Audio Playback	real time audio record and playback
	Internal Capacity	250GB, 320GB, 500GB, 750GB, 1TB
	Managed Storage Capability	Expansion unit via external SATA Connection (up to 10TB of extra storage)
	Built-in DVD	DVD-R / CD-R
Alarms	Export	DVD-R / CD-R or USB (1 front, 2 rear)
	Alarms and Relays	20 normal open/closed, tamper proof inputs; keyswitch alarm; 4 relay outputs;
	Relay Output options	Activity, Alarm or Camera Fail
	Alarm Function Support	Alarm log, "smart search", event search, pre-event recording
	Alarm Reporting	e-mail, alarm receiver/station
	Display Alarm on Monitor	Local (main or spot) or Network (via NetVu Observer)
Networking	Advanced Activity Detection	Yes
	Network Features	DHCP Capability, File Export, PTZ Control, Bandwidth Management, Remote Administration, Password Protection, FTP Server Support, Built-in Firewall, NIC = 10/100, Webcam
	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
	PTZ Control	Dual Serial and Coax; multiple protocols
	Software upgrade	CD or remotely by computer
	Keyboard	DM models KBC1 (PTZ button controls) and KBC 2 (built-in PTZ joystick)
	Building Controls, Access Integration	via PowerScript software
	Remote Control and Mouse	IR remote and USB mouse
	IP Compatibility	Supports IP Cameras including Megapixel
	Mounting	Desktop, Shelf or Rack
	Ports	Data - RJ45 10/100 Ethernet; 4 Serial ports for RS232 and RS 485 connections
	Developer Support	DM Software Developers Kit
	Default Recording Configurations	Normal = 5pps/camera (8, 12 and 16 ch. models) Medium = 2pps/camera (16 ch. models)
	Warranty	3 Year Advanced Replacement

PRODUCT CODES	
DV-IP SERVER, 8 CHANNEL, 30 DAYS, 250GB HD	DVP3/08N30/A
DV-IP SERVER, 8 CHANNEL, 60 DAYS, 500GB HD	DVP3/08N60/A
DV-IP SERVER, 12 CHANNEL, 30 DAYS, 500GB HDD	DVP3/12N30/A
DV-IP SERVER, 12 CHANNEL, 60 DAYS, 750GB HDD	DVP3/12N60/A
DV-IP SERVER, 16 CHANNEL, 30 DAYS, 500GB HDD	DVP3/16N30/A
DV-IP SERVER, 16 CHANNEL, 60 DAYS, 1.0TB HDD	DVP3/16N60/A
DV-IP SERVER, 16 CHANNEL, 120 DAYS, 2.0TB HDD	DVP3/16N120/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; 1.25, 2.5, 3.75, 5 TB HDD OPTIONS	MSUA2T5

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

**www.dedicatedmicrosinc.com**

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