

DATASHEET

HYBRID



HIGH PERFORMANCE, FULL RESOLUTION, REAL-TIME NETWORK VIDEO SERVER

The Dedicated Micros Hybrid DV-IP RT is a stand-alone high-performance recording solution designed for installations requiring high record rates, resolution quality and network capabilities. Available in 8, 16 and 32 input versions, the unit's recording capabilities of 480 PPS allows up to 16 cameras to be simultaneously recorded at full 4CIF resolution and in real-time (30PPS). To give operators maximum viewing flexibility, the DV-IP RT supports the option of an HDMI or composite Main monitor.

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

FEATURES

- 8, 16 & 32 video channel models
- Up to 30 PPS per video channel at 4CIF recording resolution; 480 PPS total
- Simultaneous IP, megapixel and analog streaming and recording
- HDMI output for high resolution viewing
- Lip sync audio available on each camera (8 and 16 channel models)
- 3 USB ports and built-in DVD-R writer; up to 2.0TB 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 RT 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-RT 8, 16, and 32 channel models		
	Operating System	Embedded
	Dimensions (HxWxD)	3.5" x 17.3" x 21.3"; (89mm x 440mm x 541mm)
	Operating Temperature Range	41° - 104° F (5° - 40° C)
	Operating Humidity Range	10% - 85% non-condensing
Video	Weight	27 lbs (12.3kg) includes built-in PSU
	Power	Input: 100 - 240v AC, 50/60Hz
	Video Inputs	8 looping, 16 looping, 32 non-looping; BNC
	Operation	NTSC or PAL capable; simultaneous live, record, playback, remote and internet access
	Maximum PPS, total (NTSC)	240PPS or 480 PPS
	Live Video Resolution (Main Monitor)	720 X 448 (composite); 1080i / 720p (HDMI)
	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, IP, Megapixel
	Camera Installation	Analog - Plug and Play; IP, Megapixel - Network
	Snapshot/Video Clip	Yes
	Video Motion Search	Yes, cell grid 16 x 14
	Video Outputs	Main (HDMI) and Spot (Composite)
Audio	Audio Input/Output	1 per channel (up to 16); lip sync
	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 16 channels
Storage	Internal Capacity	2.0 TB
	Managed Storage Capability	Expansion unit via external SATA connection (up to 10TB of extra storage)
	Built-in DVD	DVD-R / CD-R
	Export	DVD-R / CD-R or USB (1 front, 2 rear)
Alarms	Alarms and Relays	17 normal open/closed, tamper proof inputs; 1 Aux.NO/NC alarm; 6 relay outputs
	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 = 10/100/1,000, Webcam
	Remote PC Client	NetVu Observer; Windows PC, Apple Macintosh, Linux and Sun compatible
	Remote Web Browser Client	Viewing, Administration and Programming; Windows PC, Apple Macintosh, Linux and Sun compatible
Other Features	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)
	Building Controls, Access Integration	via PowerScript software
	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 or Rack
	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 RT, 8 CHANNELS, 30 DAYS, 240 PPS, REAL TIME, 2.0TB HDD	DVPR08RT30/A
DV-IP NRT, 16 CHANNELS, 30 DAYS, 240 PPS, NEAR REAL TIME, 2.0TB HDD	DVPR16NT30/A
DV-IP RT, 16 CHANNELS, 14 DAYS, 480 PPS, REAL TIME, 2.0TB HDD	DVPR16RT14/A
DV-IP NRT, 32 CHANNELS, 14 DAYS, 480 PPS, NEAR REAL TIME, 2.0TB HDD	DVPR32NT14/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	DVPR/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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