DATASHEET

HYBRID

DIGITAL sprite 2

INDUSTRY STANDARD FOR DIGITAL VIDEO RECORDING AND VIDEO MANAGEMENT

The Hybrid Digital Sprite 2 is a scalable mid-range DVR containing recording and transmission capabilities in a single unit, ideally suited for medium-to-large CCTV installations. The Digital Sprite 2 includes Dedicated Micros unique **Trans***Coding* technology to provide advanced networking functionality. The Digital Sprite 2 can dynamically switch between resolution, record-rate & compression using **Multi***Mode* Recording.

Multi*Mode* **Power***Script* **Trans***Coding*

FEATURES

- 6, 9 ,16 video channel models with camera loop-through
- Up to 4CIF recording resolution with authentication capability; Up to 120 PPS total
- IP Streaming & Recording
- Archive via internal DVD-R or external storage capability via SCSI; up to 1.5 TB internal storage
- Plug and play using pre-configured recording and storage program
- Flexible control options include IR Remote, KBS3A Keyboard, or remote client
- 485 bus daisy-chain supports up to 16 DVR units
- NetVu Connected - ensures interoperability of all Dedicated Micros NetVu connected products and third-party integration products
- **Multi***Mode* Recording - dynamically switchable resolution, record rate and compression per camera (MPEG-4 & JPEG)
- **Trans***Coding* - maximizes data transmission over available bandwidth for efficient remote viewing
- Simultaneous record, playback, image archiving and live viewing
- Web browser capable for remote viewing
- Pan-Tilt-Zoom (PTZ) control using Coaxitron, and most popular protocols
- Advanced video motion detection and search options
- Continuous, scheduled, motion, and/or alarm based recording for each video input
- Audio – 2 channel bi-directional, recording and network transmission capable
- Text support for point of sale data applications
- Building Management Controls and Access Control Integration – supported via **Power***Script* software
- Embedded operating system
- Compatible with Windows PC, Apple Macintosh, Linux and Sun operating systems

NetVu CONNECTED DEDICATED MICROS AN AD GROUP COMPANY

SPECIFICATION

		DS2 Series
	Operating System	Embedded
	Dimensions (HxWxD)	3.5" x 17.3" x 17.5"; [89mm x 440mm x 445mm]
	Operating Temprature 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	6, 9,16, looping, BNC
	Operation	NTSC or PAL capable; simultaneous live, record, playback, remote and internet access
	Maximum PPS, total (NTSC)	120PPS
	Live Video Resolution (Main Monitor)	720 X 448
	Recording	MPEG-4 and, or JPEG @ QCIF, CIF, 2CIF; and 4 CIF
	Multi*Mode* (Recording Algorithms)	Dynamically changes record rates, resolutions and compression setting for each camera
	Trans*Coding*	User selectable MPEG-4 and, or JPEG network transmission
	Camera Installation	Plug and Play
	Snapshot/Video Clip	Yes
	Video Outputs	Main and Spot
Audio	Audio Input/Output	2ch bi-directional; 2-way and network and local audio playback
	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
Storage	Internal Capacity	250, 500GB, 750GB, 1TB (16 ch only), 1.5TB (16 ch. Only)
	Managed Storage Capabiltiy	via internal DVD-R or external storage capability via SCSI
	Built-in DVD	DVD-R / CD-R
	Export	DVD-R / CD-R
Alarms	Alarms and Relays	17 normal open/closed, tamper proof inputs; keyswitch alarm; 4 relay outputs; option for expansion via 485 bus
	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)
	Advanced Activity Detection	Yes
Networking	NIC Interface	10/100
	DHCP Capability	Yes
	File Export	
	Remote PTZ Control	
	Bandwidth Management	
	Remote Administration	
	Remote PC Client	NetVu Observer; Windows PC, Apple Macintosh, Linux and Sun compatible
	Remote Web Browser Client	Viewing, Adminstration and Programming; Windows PC, Apple Macintosh, Linux and Sun compatible
	Password Protected	Yes
	FTP Server Support	
	Built-in Firewall	
Other Features	POS/ATM Text support	Yes
	PTZ Control	Dual Serial and Coax; multiple protocols
	Software upgrade	CD or remotely by computer
	Keyboard	DM KBS3A (includes built-in PTZ joystick); up to 16 keyboards connectable via 486 bus; up to 16 DS2 units controllable from one keyboard
	Building Controls, Access Integration	via **Power***Script* software
	Remote Control	IR remote (optional IR-01 IR range extender module); control of single or multiple racked units
	IP Compatibility	Supports IP Cameras
	Mounting	Desktop, Shelf or Rack
	Ports	Data - RJ45 10/100 Ethernet; 485 Bus (2); 4 Serial ports for RS232 and RS 485 conections
	Warranty	3 Year Advanced Replacement

PRODUCT CODES*	
DS2, 6 CHANNEL, 250GB HDD, 120PPS	**DS2PD 6 250**
DS2, 9 CHANNEL, 500GB HDD, 120PPS	**DS2PD 9 500**
DS2, 16 CHANNEL, 1.5T HDD, 120PPS	**DS2PD 16-1.5T**
DS2, 6 CHANNEL, 160GB HDD, 60PPS	**DS2AD 6 160**
DS2, 9 CHANNEL, 320GB HDD, 60PPS	**DS2AD 9 320**
DS2, 16 CHANNEL, 600GB HDD, 60PPS	**DS2AD 16 600**
OPTIONAL ACCESSORIES	
DIGITAL KEYBOARD WITH JOYSTICK	**KBS3/A**
POS INTERFACE BOX	**SIDG**
NETVU CONSOLE REMOTE VIEWING STATION	**DVPB/CON**

*** SEE OUR WEBSITE FOR FULL DS2 MODEL LISTING**

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

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MKT-DS2 Rev. 05/09

ISO 9001

Part 15