

THE LEADING PLATFORM FOR INTERACTIVE
SURVEILLANCE OVER DIGITAL NETWORKS.

MediaRacer® 1001

Multimedia Server Featuring Cost Effective, Single-Camera Video With WAVELET Compression

When you want to capture and stream full-resolution and full-frame rate video from a single camera, and you do not need to stream audio, the MAVIX

MediaRacer® 1001 offers a full-featured and cost effective solution.



Featuring the same WAVELET

compression found in our more expensive MediaRacer®

1000 model, the MediaRacer® 1001 offers unique capabilities for a wide range of applications, including non-managed point-to-point automatic link recognition and setup, which eliminates the need for costly management applications.

MediaRacer® 1001 supports video stream bandwidths from a few kilobits/sec (a single frame

every several seconds at full resolution) and up to 8Mbps (full frame rate at full resolution). Video data and other external data sources are combined into a single stream.

In a package smaller than a paperback book, the MediaRacer® 1001 permits the unfettered connection of access control devices, pan-tilt-zoom cameras and virtually anything else that you might want to link to the robust MAVIX digital infrastructure.

End users may set the video quality and the bandwidth usage according to their network capacity constraints, by simply setting the configuration parameters "on the fly". This allows MediaRacer® 1001-based solutions to scale to the customer's budget, and greatly reduces the total life cost of the installation.

highlights

- Streams video, serial data, sensor inputs and relay activation commands over digital networks,
- Supports up to full motion video (25/30fps) at selectable range of resolutions up to full PAL/NTSC
- Pre/Post alarm storage (cyclic buffered) for event triggering recording, per camera & per event
- Compatible with the MAVIX flexible and user friendly SDK (COM & DLL formats) and API

for further information visit our website at: www.mavix.com
7250 N. Cicero Ave., Suite LL3 Lincolnwood, IL 60712
Tel: 1-847-679-9240 Fax: 1-847-679-8784

MAVIX

PRODUCT SPECIFICATIONS

MediaRacer® 1001

general

- Combined video and data server in one box
- Dedicated multimedia Digital Signal Processor
- Supported by MAVIX API in COM and DLL format

system requirements

Compatible with Windows NT, Windows 2000 and Windows XP

video

Coding Algorithm		WAVELET
Formats		PAL or NTSC
Resolution		QQCIF, QCIF, CIF, 4CIF
Frame Rate	up to full, dynamically set	
Input:	Form	Composite
	Impedance	75Ω
	Level	1 Vpp
Output:	Form	Composite
	Impedance	75Ω
	Level	1 Vpp
Connector:	Camera Side	1 BNC Input
	Monitor Side	1 BNC Output

audio

Not Available

connections

Network Interface

IEEE 802.3/802.3U
Ethernet/Fast Ethernet (Auto Sense) RJ45

Serial Data Interface

COM1 - RS-232 RJ45
COM2 - RS-485 (half duplex) RJ45

Discrete I/O Interface

2 In + 2 Out @ Opto-isolated

dimensions and weight

Dimensions (WxHxD)	19.5x2.8x14 cm (7.67" x 1.1" x 5.51")
Weight	400g (14.11 oz)

firmware updates

Firmware is upgradable via FTP over the IP network

electrical characteristics

Line Feed Auto Range	100-240 VAC
Frequency	47 - 63Hz
Battery Feed	12 VDC
Power Consumption	6W Typical

* The MR1001 is supplied with an external power supply, checked and approved by MAVIX

operating conditions

Operating Temperature	0° to 50°C (32° to 122°F)
Storage Temperature	-10° to 65°C (14° to 149°F)
Operating Humidity	5% to 95% (Non-Condensing)

approvals

Safety	UL Listed CE Mark
EMI/RFI	FCC /CE Class A

ordering information

Name	P/N	Description
MediaRacer® 1001/C/E	MXR003	Camera side 110/240 VAC
MediaRacer® 1001/M/E	MXR004	Monitor side 110/240 VAC

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