



OMNIMEDIA  
TECHNOLOGY INC.

# OmniPeg-RU1 Decoder Unit



**For D1  
transmission**

**Real-Time Video and Audio  
Decoder with TV output**



## Overview

This breakthrough product from OmniMedia Technology brings the power and functionality of MPEG-4 video and audio decoding. Capable of real-time MPEG-4 decoding, this turnkey solution provides truly affordable decoding and display of video for monitoring traffic, video surveillance and web casting.

Available as OP4-D1 - a ruggedized single Digital Streamer in a 2.1" rack mount unit.

## Applications

**These units provide truly affordable decoding of video and audio for many applications including monitoring of traffic, video surveillance of industrial and other business complexes, live sports, music and other web casting applications.**

## Key Features

- Affordable turnkey MPEG-4 video and audio decoding solution
- Ruggedized for continuous operation in the field in environmentally protected enclosures
- Auto reconnect and full screen playback on power-up

## Technical Specifications

<b>LAN-Network Interface</b>		<b>Video/Audio Decoding and Output</b>	
<b>Format/Connector</b>	10/100 BaseT/RJ-45	<b>Format</b>	MPEG- 4 Streaming and Near real-time NTSC or PAL
<b>Modes</b>	TCP/IP	<b>MPEG-4 Resolution - NTSC</b>	Wide selection including: 160x120, 320x240
<b>Mechanical Requirements</b>		<b>MPEG-4 Resolution - PAL</b>	Wide selection including: QCIF(176x144), CIF (352x288)
<b>Packaging</b>	Ruggedized, Industrial case size 19x15x32.2 inches ( 48x38x6 cm)	<b>Data Rate</b>	Wide selection including: 28.8Kbs, 56Kbs, 64Kbs, 128Kbs, 192Kbs, 384Kbs, 512Kbs, 784Kbs, 1 MB, 1.5MB, 2.0MB and 3.0MB
<b>Mechanical Requirements</b>		<b>Video Input - Composite Video</b>	RCA/BNC Connectors
<b>Shipping Weight</b>	10 lbs (4.8 Kg)	<b>Stereo Audio Input</b>	RCA/BNC Connectors
<b>Electrical Requirements</b>		<b>DC Power Output</b>	12 Volts Regulated, 2A for external devices
<b>Power</b>	115-230VAC , 300Watts	<b>System Requirements</b>	
<b>Temperature</b>	-20 to +55 Dgrees C Operating. MIL-810F specs per Methods 501.4 and 502.4.	<b>Network</b>	10/100BaseT , IEE 802.11a or 802.11b, TCP/IP
<b>Humidity</b>	10% to 95% non-condensing	<b>Camera Control</b>	RS-422/485 Serial interface
<b>Ordering Information</b>		<b>Video Output</b>	Standard CCTV. NTSC/PAL Input through 75 Ohm cable
<b>Model</b>	OmniPeg4-RP4		
<b>Part #</b>	2103-10210-01		

**Warranty: Limited one year warranty for defects in material and workmanship.**

Also available as center rack mount unit



OmniMedia makes a full range of video products, including PC104+ and PCI cards, sealed units, multipurpose accessory cards, software SDK's and bullet cameras.

For more information, call your local reseller or OmniMedia.

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