IM-TCCV-M

iMedia Table Mount Computer & Video Center

Crestron's iMedia provides an extremely simple and affordable multimedia presentation control solution for small conference rooms and training rooms. No comparable solution comes close to matching iMedia's speed and ease of installation, intuitive operation, and network manageability at such an incredibly low cost.

The iMedia Transport
The iMedia transport utilizes a single CAT5e* type cable to transmit computer RGB, video, and stereo audio signals to a single projector or plasma display. A typical XGA signal (1024 X 768 pixels at 60Hz) can be transmitted up to 84 feet using iMedia, while higher resolutions up to 1600 x 1200 can be handled over shorter distances. Audio is transmitted digitally at 20-bit, 48 kHz resolution. Control and power signals are also contained on the same wire, eliminating the need for separate control or power cables.

Table Mount Multimedia Interface
The IM-TCCV-M is an iMedia (IM) transmitter designed to install flush in any flat surface or underneath a tabletop using the mounting brackets provided. Composite video, RGB, and stereo audio inputs on the front of the IM-TCCV-M provide for connection to the output of a computer or AV source. Installing wiring for the IM-TCCV-M is extremely simple requiring just a single CresCAT-IM cable. Up to three IM-TCCV-M's, or other IM transmitters, may be installed as part of a complete system to provide multiple input locations within the room.

Foolproof Operation
Every iMedia system is easy and intuitive to use. A simple press of the VIDEO or PC SELECT buttons on the face of the IM-TCCV-M selects the appropriate input, turns on the projector (or plasma, etc.), lowers the screen or lift, and routes all the signals where they need to go. The front panel volume control affords easy adjustment of the audio level for the computer and video inputs. When used with an IM-RXV-M series receiver, the system's microphone level can be adjusted by holding either SELECT button and turning the VOLUME knob. The entire system can be turned off at any time by simply holding down either SELECT button for 5 seconds.

For systems having more than one IM transmitter, selecting an input at a given input location overrides the previously selected input at any other location. The audio level for each input location is controlled individually by its respective volume control.

> A flexible multimedia interface for portable, lectern-mount or under-table installation

> Streamlined user controls for foolproof operation

> iMedia Transport for fast and easy single-cable installation

> Supports XGA resolution up to 84 feet, UXGA maximum up to 34 feet

> Supports composite video signals

> Provides microphone level control for IM-RXV-M series receivers

> Complete system setup in minutes using iMedia Wizard Software

SPECIFICATIONS

RGB
Gain: 0dB (75 ohm termination)
Formats: RGBHV, RGBS, or RGsB
Resolution: 1024 x 768 @ 60Hz with maximum cable length of 84 feet, 1600 x 1200 @ 60Hz with maximum cable length of 34 feet; see manual for other resolutions

Video
Gain: 0dB (75 ohm termination)
Formats: 480i (NTSC), 576i (PAL)

Audio
A-D Conversion: 20-bit, 48 kHz
Frequency Response: 20Hz to 20kHz ±1dB

Connectors – Front Panel
VIDEO: (1) RCA female, composite video input;
Input Impedance: 75 ohms;
Maximum Input: 1 Vp-p
VIDEO R & L: (2) RCA female;
Unbalanced stereo line-level audio input (linked with VIDEO);
Maximum Input Level: 2 Vrms;
Input Impedance: 10k ohms
PC: (1) DB15HD female, RGB(VGA) input;
Formats: RGBHV, RGBS, RGsB;
Input Impedance: 75 ohms;
Sync Impedance: 1k ohms;
Maximum Input Level: 1 Vp-p;
Maximum Sync Level: 5 Vp-p
AUDIO: (1) 3.5mm TRS mini phone jack;
Unbalanced stereo line-level audio input (linked with PC);
Maximum Input Level: 2 Vrms;
Input Impedance: 10k ohms

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Connectors – Rear Panel

IM: (1) 8-wire RJ45 female, iMedia output port;
Connects to IM input port of an iMedia receiver via CresCAT-IM cable*
G: (1) 6-32 screw, chassis ground lug

Controls & LED Indicators

VOLUME: (1) Rotary knob, adjusts audio level for active local input
SELECT PC: (1) Momentary pushbutton with green LED;
Momentary press initiates "system power on" command and selects local PC input; press and hold for 5 seconds or more initiates "system power off"; press, hold and turn VOLUME adjusts system microphone level
SELECT VIDEO: (1) Momentary pushbutton with green LED;
Momentary press initiates "system power on" command and selects local VIDEO input; press and hold for 5 seconds or more initiates "system power off"; press, hold and turn VOLUME adjusts system microphone level

Power Requirements

Power is provided by the IM receiver via the IM transport

Environmental

Temperature: 41° to 104°F (5° to 40°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Compact black metal housing suitable for portable free-standing use, flush-mounted in a flat surface, or surface-mounted below a tabletop using universal brackets provided

Dimensions

Height: 1.50 in (3.81 cm)
Width: 7.40 in (18.80 cm) - without mounting brackets
Depth: 3.13 in (7.95 cm)

Weight

0.93 lb (0.42 kg)
* *For iMedia use CresCAT-IM cable, or quality CAT5e/CAT6 cable having a maximum delay skew of 15nS per 100m.*

Available Models

IM-TCCV-M: iMedia Table/Lectern Mount Computer & Video Center w/Mic Control

Available Accessories

CRESCAT-IM-P-DRN-SP1000: iMedia Cable, Low-skew CAT5e w/drain wire for iMedia and QuickMedia, plenum, 1000 ft spool
CRESCAT-IM-P-DRN-SP500: iMedia Cable, Low-skew CAT5e w/drain wire for iMedia and QuickMedia, plenum, 500 ft spool

3.13 in
(7.95 cm)

2.53 in
(6.42 cm)

0.61 in
(1.54 cm)

2.43 in
(6.17 cm)

1.5 in
(3.81 cm)

1.16 in
(2.95 cm)

1.32 in
(3.33 cm)

7.4 in
(18.8 cm)

SELECT VOLUME VIDEO PC AUDIO
SYSTEM OFF PRESS FOR 5 SECONDS PC
VIDEO
R L
VIDEO
CRESTRON
IM-TCCV-M

7.09 in
(18 cm)

7.24 in
(18.38 cm)

IM
G
CE
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