

iMediaCenter

Multi-Media Platform with an Embedded SNMP Agent

Managed media conversion is becoming increasingly important, especially in mission critical applications such as connecting e-commerce servers to the Gigabit backbone, and in long-distance fiber optic runs used to extend enterprise LANs to remote offices often hundreds of kilometers away. Managed media conversion enables network managers to eliminate the guesswork, avoid expensive downtime, and quickly isolate any problems without visiting multiple wiring closets.

The industry's first modular chassis platform that includes an embedded SNMP agent.

The *iMediaCenter™ Series* from IMC Networks incorporates a Simple Network Management Protocol (SNMP) agent embedded directly on the chassis backplane. This innovation eliminates the need for purchasing, installing and configuring separate management modules, making managed media conversion easier and more cost-effective than ever.

The *iMediaCenter Series* is a flexible, multi-protocol platform that includes 2, 8 and 18-slot configurations to provide a solution for most requirements in today's dynamic networks. Chassis host single-wide and double-wide (i.e. *iMcV-FiberWay*) hot-swappable, media connectivity modules, including all *iMcV Series* modules, as well as bandwidth management modules.

iMediaCenter Series chassis include *iView²™* SNMP management application software, an RS-232 port for initial configuration, and a Dynamic Host Configuration Protocol (DHCP) client that makes initial configuration easy by automatically assigning an IP address for the *iMediaCenter* chassis when connected to a local area network with a DHCP server. *iMediaCenter* also features an RJ-45 port for management and a switch for enabling/disabling management. The *iMediaCenter Series* includes:

iMediaCenter/2 — Hosts two single-wide modules or one double-wide module. Table-top chassis features an internal AC or DC power supply and redundant cooling fans. The chassis' small size makes it perfect for fiber-to-the-desktop applications and for other installations in locations with limited space.

iMediaCenter/8 — Hosts up to eight single-wide modules, four double-wide modules or a combination of both. Table-top chassis features an internal AC or DC power supply and redundant cooling fans. Use this medium size chassis when adding new file servers, bringing Gigabit to the network backbone and other applications.

iMediaCenter/18x — Hosts up to 18 single-wide modules, nine double-wide modules or a combination of both. Rack-mountable chassis features slots for redundant, hot-swappable, AC or DC power supply modules (one included) for increased fault resiliency. Ideal for rapidly changing and large, highly diversified installations, this chassis allows you to scale as needed.



Media management made easy

- ◆ On-board SNMP agent, GUI-based *iView* application software and a DHCP agent included

Significant cost savings

- ◆ No additional purchase or installation of separate management module

Meets various installation and application requirements

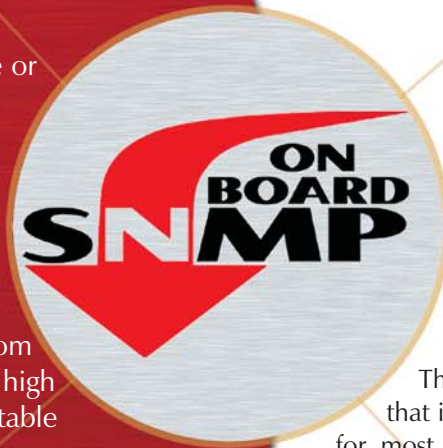
- ◆ Three configurations from small, table-top unit to high port density, rackmountable chassis
- ◆ Available with AC or DC power

Install a wide variety of media modules

- ◆ Gigabit, ATM, Fast Ethernet and Ethernet copper-to-fiber converters
- ◆ 10/100 Mbps autosensing copper-to-fiber converters
- ◆ Fiber mode converters
- ◆ Fiber optic repeaters
- ◆ Bandwidth management solutions

Eases troubleshooting

- ◆ SNMP management and LEDs assist in diagnosing problems on networks



Making Your Network Better

The *iMediaCenter Series* enables network managers to monitor copper and fiber link status information, as well as chassis environmental statistics, including temperature and voltage level. *iMediaCenter* chassis come with the GUI-based *iView²* management application software. *iView²* allows for easy configuration and the setting of management traps in minutes. For example, you can assign a name to each of the various ports and if a link failure should occur, you will be notified with the name of the port.

iView² runs standalone on Windows™ NT4/95/98/2000/XP, or as a plug-in to HP OpenView™ on Windows NT and HP-UX™ network operating systems.

Technical Specifications

iMediaCenter/2 Chassis

Dimensions: 2."H x 8.9"W x 4.95"D
(5.1 cm x 22.6 cm x 12.6 cm)

AC Input Load: 100-240 ±10% VAC, 0.2/0.1A

Operating Temperature: 32° – 104°F (0° – 40°C)

Maximum Heat Generated: 70 BTU/hour

Shipping Weight: 2.7 lbs (1.3 kg)

DC Input Load: -48 ±10% VDC, 0.4A

Storage Temperature: 0° – 160°F (-20° – 70°C)

Humidity: 5 – 95% (non-condensing)

iMediaCenter/8 Chassis

Dimensions: 4.6"H x 8.7"W x 7"D
(11.6 cm x 22.1 cm x 17.8 cm)

AC Input Load: 100-240 ±10% VAC, 0.5/0.2A

Operating Temperature: 32° – 104°F (0° – 40°C)

Maximum Heat Generated: 170 BTU/hour

Shipping Weight: 6.2 lbs (2.8 kg)

DC Input Load: -48 ±10% VDC, 1.0A

Storage Temperature: 0° – 160°F (-20° – 70°C)

Humidity: 5 – 95% (non-condensing)

iMediaCenter/18x Chassis

Dimensions: 4.6"H x 17.4"W x 9.1"D
(11.6 cm x 44.3 cm x 23.2 cm)

AC Input Load¹: 100-240 ±10% VAC, 0.8/0.4A

AC Input Load²: 100-240 ±10% VAC, 1.2/0.6A

Operating Temperature: 32° – 104°F (0° – 40°C)

Maximum Heat Generated: 400 BTU/hour

Shipping Weight: 12.9 lbs (5.9 kg)

DC Input Load: -48 ±10% VDC, 2.5A

Storage Temperature: 0° – 160°F (-20° – 70°C)

Humidity: 5 – 95% (non-condensing)

Ordering Information

Modular Chassis

- 50-10932** iMediaCenter/2-AC — 2-slot, table-top, internal AC power
- 50-10938** iMediaCenter/2-DC — 2-slot, table-top, internal DC power with 3-position terminal block
- 50-10933** iMediaCenter/8-AC — 8-slot, table-top, internal AC power
- 50-10939** iMediaCenter/8-DC — 8-slot, table-top, internal DC power with 3-position terminal block
- 50-10934** iMediaCenter/18x-60AC — 18-slot, rackmountable, includes one PS/60x Power Module
- 50-10937** iMediaCenter/18x-110AC — as above w/ PS/110x Power Module
- 50-10941** iMediaCenter/18x-100DC — as above w/ PS/100x-DC Power Module

Redundant Power Supplies

- 06-39060** PS/60x-AC Power Module — 60 watt, 100/240 ±10% VAC
- 06-39110** PS/110x-AC Power Module — 110 watt, 100/240 ±10% VAC
- 06-39100** PS/100x-DC Power Module — 100 watt, -48 ±10% VDC

Rackmount/Wallmount Brackets

- 95-39932** iMediaCenter/2 Rackmount Brackets
- 95-39933** iMediaCenter/8 Rackmount Brackets

Modules for iMediaCenter³

Bandwidth Management Modules

iMcV-BandwidthManager — 10 Mbps Ethernet with bi-directional bandwidth control

Copper-to-Fiber Media Conversion Modules

iMcV-PIM — 10 Mbps Ethernet
 McV-LIM — 100 Mbps Fast Ethernet
 McV-FM-LIM — 100 Mbps Fast Ethernet; fiber monitoring
 iMcV-LIM 10/100 — Autosensing 10/100 Mbps
 iMcV-LIM SSF — 100 Mbps Single-strand fiber
 iMcV-ATM — 155 Mbps ATM
 iMcV-Gigabit — Gigabit Ethernet
 iMcV-MediaLinX — 10/100 Switching media converter

Protocol-Independent

Fiber Mode Conversion Modules

10 to 155 Mbps, 622 Mbps or 1062.5 to 1.25 Gbps
 iMcV-S2MM — single-mode to multi-mode
 iMcV-S2SM — single-mode to single-mode
 iMcV-M2MM — multi-mode to multi-mode

Fiber Repeater Modules

51/125/155 Mbps or 622 Mbps/1062.5 Gbps/1.25 Gbps
 iMcV-FiberWay — protocol/speed-selectable, single-mode to multi-mode or single-mode to single-mode

Wave Division Multiplexing Modules

iMcV-WDM — protocol and speed-independent

¹ Specifications for iMediaCenter/18x with PS/60 Power Module.

² Specifications for iMediaCenter/18x with PS/110 Power Module.

³ For information and part numbers for specific modules, please refer to the datasheet for the respective product.



IMC Networks (Headquarters)

19772 Pauling
 Foothill Ranch, CA 92610
 TEL: 949-465-3000
 FAX: 949-465-3020
 sales@imcnetworks.com
 www.imcnetworks.com

IMC Networks (Europe)

Herseltsesteenweg 268
 B-3200 Aarschot Belgium
 TEL: +32-16-550880
 FAX: +32-16-550888
 eurosales@imcnetworks.com

IMC Networks

(Eastern US/Latin America)

18840 US Hwy. 19 North Suite 400
 Clearwater, FL 33764
 TEL: 727-524-8152
 FAX: 727-524-8432

Copyright © 2000-2003 IMC Networks. All rights reserved. The information in this document is subject to change without notice. IMC Networks assumes no responsibility for any errors that may appear in this document. Specific product names may be trademarks or registered trademarks and are the property of their respective companies.



IMC Networks Fiber Consulting Services

For information call:
 1-800-624-1070 (in US)
 +32-16-550880 (in Europe)
 Or e-mail: fcs@imcnetworks.com



Document #50-90932
 January 2003