

OMNInet Point of Presence (POP) Hubs



The OMNInet POP-14 is a high-capacity, high-performance node in the Intelligent Media Network where a large number of signals need to be connected to the network. The System Hub operates as a "T" tap on the fiber optic backbone providing connections for hundreds of video, audio, and data I/O devices.

POP14 Specifications

- Up to 1.2 Gb/s network performance
- Single-mode fiber (15km)
- Multi-mode fiber (2km)
- 14 I/O slots
- "Hot swappable" I/O modules
- "Self-healing" communication redundancy
- Redundant power supply (optional)
- 3RU size

Electrical

- Supply Voltage 85-268
- AC Input Current 2.8A @ 115V, 1.4A @ 230V
- AC Frequency 47 - 63 Hz
- DC Voltage 40A @ 5VDC

Mechanical

- Dimensions (HxWxD)
17.78cm x 48.26cm x 40.64cm
(6.76" x 19" x 16")
- Unit Weight (fully loaded) 12.15 kg (27 lbs)

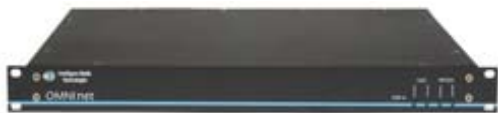
Environmental

- Operating Temperature 0° to 70° C (32° to 158° F)
- Humidity 5 - 95% RH, non-condensing
- AC Fan 30 cfm (bearing)
- MTTF > 157,000 hours



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The OMNInet POP-4 is a high-performance node that is used where there's up to 4 signals for network I/O. The POP-4 operates as a "T" tap on the fiber optic backbone providing connections for video, audio, and data I/O devices and is powered by an external PSU. An optional redundant PSU may be used.

POP4 Specifications

- Full 1.2 Gb/s network performance
- Single-mode fiber (15km)
- Multi-mode fiber (2km)
- 4 I/O slots
- "Self-healing" communication redundancy (optional)
- Redundant power supply (optional)
- 1RU size

Electrical

- Power Supply External AC-DC module @ 80 Watts
- Supply voltage 90 - 264 VAC
- AC Input Current 0.7A @ 115V, 0.35A @ 230V
- AC Frequency 47 - 63 Hz
- DC Input Voltage +5 Vdc regulated
- DC Input Current 13 Amps (maximum)
- Redundancy Dual DC inputs, primary and backup
- (load sharing online backup)

Mechanical

- Dimensions (HxWxD)
4.45cm x 44.45cm x 40.13cm
(1.75" x 17.50" x 15.80")
- Unit Weight (fully loaded) 3.63 kg (8lbs)

Environmental

- Operating Temperature 0° to 70° C (32° to 158° F)
- Humidity 5 - 95% RH, non-condensing
- AC Fan +12 Vdc, 3 cfm (bearing)

