



The ComNet™ C3 is a 1 RU (1.75") high 19-inch rack-mountable card cage unit capable of mounting up to three ComNet ComFit 1.0-inch wide modules. Ideally suited to those applications where rack space may be limited, the C3 may also be used in desk-top installations by the addition of user-installed rubber feet on the bottom of the cage and removal of the two rack-mount adapter brackets. Available in either a black anodized or satin silver finish, the C3 is provided with one external 120-240 VAC power supply with a 12VDC at 2A output, and includes reverse polarity protection. Two separate isolated DC inputs are provided for mission critical/high reliability applications where power supply redundancy is required. ComNet ComFit PoE (Power over Ethernet) modules may also be used, by replacing the power supply with a +48VDC unit, and connecting the supply output to the DC power input of each PoE module. Cooling is by natural air convection, eliminating the need for unreliable and noisy cooling fans, or periodic air filter maintenance. The C3 is designed for long-term reliable operation in harsh industrial environments, and may be deployed in most out-of-plant installations, such as those found in intelligent transportation systems and factory automation/control applications. Plug-and-play design ensures ease of installation, and any module may be hot-swapped without any impact to the operation of the other modules within the card cage.

FEATURES

- › Accepts up to three ComNet ComFit 1.0" wide modules
- › 1 RU (1.75") height requires minimal equipment rack space, and may be also be desk-top mounted
- › Two separate isolated DC inputs for power supply redundancy, for mission critical/high reliability applications
- › Environmentally Ruggedized: Fully compliant with the requirements of NEMA TS-1/TS-2 for use in ITS-specific or other difficult out-of-plant applications.
- › Hot swappable modules & plug-and-play operation
- › External 120-240 VAC power supply unit included
- › CE and RoHS Compliant
- › Designed and Manufactured in the U.S.A
- › Lifetime warranty

APPLICATIONS

Industrial Security:

- › Video monitoring and surveillance -Surveillance of petrochemical, refinery, and other major critical-asset infrastructure installations
- › Ethernet, serial data, audio, and contact closure transmission networks

ITS/Transportation:

- › Traffic Operations Center (TOC)/head-end rack & desk-top mounted transmission equipment
- › Intersection/roadway, toll barrier, and bridge and tunnel monitoring and surveillance systems
- › Railroad and Light Rail Transportation (LRT) systems

SPECIFICATIONS

Electrical & Mechanical

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|------------------|--|
| Input Voltage | 90-264 VAC @ 70 W Maximum |
| Output Voltage | 12 VDC @ 2.0 Amps @ 75°C |
| Size (L × W × H) | 19.0 × 7.5 × 1.75 in. (48.2 × 19 × 4.5 cm) |
| Rack Slots | (3) 1-inch slots available |
| Shipping Weight | <3 lbs./1.3 kg |



*Power Supply Only

In a continuing effort to improve and advance technology, product specifications are subject to change without notice.

Environmental

| | |
|----------------|------------------|
| MTBF | >100,000 hours |
| Operating Temp | -40° C to +75° C |
| Storage Temp | -40° C to +85° C |

ORDERING INFORMATION

| Part Number | Description |
|-------------|---|
| C3-US | 19" Card Cage, 1-RU High, Satin Silver Finish, Includes 120-240 VAC Power Supply, US AC Power Connector |
| C3-EU | 19" Card Cage, 1-RU High, Satin Silver Finish, Includes 120-240 VAC Power Supply, EU & UK Power Connector |
| C3-IN | 19" Card Cage, 1-RU High, Satin Silver Finish, Includes 120-240 VAC Power Supply, US, EU, UK & AU Power Connector |
| C3-CH | 19" Card Cage, 1-RU High, Satin Silver Finish |
| PS12DC-2A | Spare 120-240 VAC Power Supply |
| Options | Add suffix /Blk to model number for Black Anodized Finish |

