



# GHOST

## Gigabit ethernet host



### OVERVIEW

Ghost is a gigabit platform mounted in a 19" 1U rack box dedicated to the multiplexing, transport and monitoring of true Ethernet broadcast signals. Ghost integrates a layer 2 programmable switch motherboard, an interface and control front panel board and an extended 120/230 VAC 50/60Hz power supply. Ghost offers a multi services platform to create and manage easily the most complex networks without specific skills in IT technologies. Ghost manager is the dedicated software specially developed for touring and live application. Ghost Manager can manage instantly up to 200 devices connected to the network from a Windows xp to 10 OS PC connected on one device. Ghost networks are fully independents of any protocol and perfectly versatile for each drive data. Ghost systems can be defined like a broadcast medias highway where every kind of vehicle can run freely and firstly on his dedicated part without global traffic jams.

### PRINCIPAL FEATURES

- 12 Ethercon® 10/100 Mbps ports fully independents and assignable.
- 99 Groups can be managed at once.
- 2 Ethercon® 1000 Mbps ports for Ghost linking or User port.
- 2 Opticalcon® Duo 1000 Mbps for Ghost linking.
- Available in single-mode and multi-mode versions.
- 1 x 8 characters LCD screen on each front assignable port.
- Status and traffic LEDS for remote of each ports.
- ID Led on each user port.
- 1 RJ45 plug on the back panel for monitoring and control.
- Bus, ring, star and hybrid topologies available.
- Ghost Manager software included in the package on an USB stick.
- Redundant power supply is available in option.

### COMPATIBLE PROTOCOLS

The list below states at present tested and certified protocols. It can change in the future without hardware modifications. Firmware updates will be released from our web site.

- Ethersound™
- Dante
- Cobranet®
- Artnet
- TCP/IP remote networks
- HDBaseT

**CobraNet®**



### APPLICATIONS

#### Live and touring:

- Live events and concerts
- Live broadcast
- Public address
- TV and Radio itinerant projects

#### Fixed installations:

- Stadiums and sport venues
- Museums, theme parks and entertainment venues
- Theatres
- Music and shows venues
- Corporate boardrooms and buildings.

#### Broadcast and studios:

- Radio and TV Studios
- OB Vans
- Data centers

#### Others:

- Multi medias broadcasting



## TECHNICAL SPECIFICATIONS

### GENERAL

Size W x D x H (mm)	442 x 300 x 44,5
Weight	3 Kg
Power Consumption	120-127 VAC/0,3 A    200-240 VAC/0,2 A
Power Supply	120 / 230 VAC 50/60Hz
Storage temp. / Humidity	-40° - 70° / 15-90% without condensation
Operating temp. / Humidity	0° - 45° / 15-95% without condensation

### CONNECTIVITY AND INTERFACE

Front Panel	12 x 10Base-T/100Base-TX Ethercon ports 2 x 10Base-T/100Base-TX/1000Base-T Ethercon® ports 2 x 10Base-T/100Base-TX/1000Base-T OpticalCon® Duo ports 8 x 8 characters LCD screens 3 Leds (Status, traffic, ID) on each Ethercon® port 2 Leds (Tx Rx) on each OpticalCon® port 1 x Configuration function switch
Rear Panel	4 x 10Base-T/100Base-TX 1 x Remote and control RJ45 1 x Power Cord
Software	Telnet protocols for up to 100 devices connected Offline editor mode Service and maintenance window

### PROCESSING

Motherboard	1 x ARM9E : 800 MHz 256 Mo - DDR3 SDRAM 128 Mo Flash Memory Data flow : 9.5 Mbps
Network	99 x Groups available 16000 MAC Address capacity. Power Over Ethernet IEEE802.3at IEEE 802.1p traffic priority

### PACKAGE AND WARRANTY

Package includes	1 x Ghost1 engine 1 x Power cord IEC13 Lock 1 x Start configuration guide 1 x USB key with Software, firmware and owner's documents 1 x Warranty card
Warranty	5 years parts and service

Pictures and features are not contractual. Product specifications can be modified without prior notification.