

GHOST-MK2

1/10 Gigabits ethernet



OVERVIEW

Ghost-mk2 is a gigabit platform mounted in a 19" 1U rack box dedicated to the multiplexing, transport and monitoring of true Ethernet AV networks. Ghost-mk2 integrate a layer 2 programmable switch motherboard, an interface and control front panel board and an extended 120/230 VAC 50/60Hz redundant power supply. Ghost-mk2 offers a multi services platform to create and manage easily the most complex networks without specific skills in IT technologies. Agora Controller is the dedicated software specially developed for touring and live applications. Agora Controller can manage instantly all Agora devices connected on the network from a Windows 7 to 11 / 64 bits, Linux and Mac OS 10.15 and later PC connected on one device.

FEATURES SET

- 14 * Assignable Ethercon® 10/100/1000 Mbps ports.
- 250 groups can be managed at once.
- 2 * Opticalcon® or Smartbeam ports 1000 - 10 000 Mbps for Ghost linking (REAR PANEL OPTION).
- 2 * Opticalcon® or Smartbeam ports 1000 - 10 000 Mbps for Ghost linking (FRONT PANEL OPTION).
- Opticalcon® QUAD available on rear panel (OPTION)
- Available in Single Mode & Multi Mode versions.
- 1 * 8 Characters LCD screen de huit caractères for each Ethercon® front panel port.
- St / Tf LED for each port.
- ID colored LED for each port.
- Bus, ring, star & hybrid topologies..
- Agora controller free software
- Redundant PSU 100-240 VAC 50/60Hz.

COMPATIBLE PROTOCOLS

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

- Remote & Control protocols (TCP/IP, ArtNet, OCA, ...)
- AVoIP (Dante™, AES67, NDI, Video over IP protocols)
- Legacy audio over Ethernet (Ethersound, 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)	482.60 * 368 * 43.60
Weight (without options)	1.7 Kg
Power Consumption	100-127 VAC / 0,6 A 200-240 VAC / 0,4 A
Power supply	100/240 VAC 50/60Hz
Idle power*	19,5 W
Maximum Power rating**	26,6W
Thermal dispersion (Without options)	80.36 BTU/h (110v/60Hz)
Storage temp. / Humidity	-40° -70° / 5-90% sans condensation
Operating temp. / Humidity	0° -45° / 10-90% sans condensation
Altitude	Up to 3 km (10000ft)
Operating noise	Without FAN

CONNECTIVITY & INTERFACE

Front panel	10 x 10 Base-T / 100 Base-TX / 1000 Base-T Ethercon® 2 x 1000 or 10 000 Mbps OpticalCon® Duo ports (OPTION) 10 x 8 characters LCD screens 2 leds (Status-Traffic, ID) on each port 1 x configuration and navigation function switch
Rear panel	4 x 10 Base-T / 100 Base-TX / 1000 Base T-Ethercon® ports 2 x 1000 or 10 000 Mbps OpticalCon® Duo ports (OPTION) 2 x IEC power sockets
Software	SNMPv3 & SSH remote protocol «Emulate» Mode

PROCESSING

Mother board	1 x Marvell 98DX Data flow : up to 95,23 Mpps Switching capacity: 128 Gb/s
Network	250 x Groups available 16000 MAC Address capacity IEEE 802.1p traffic priority

PACKAGE AND WARRANTY

Package includes	1 x Ghost-mk2 engine 2 x Power cord IEC13 Lock
Warranty	5 years parts and service

* Idle power is the actual power consumption of the device with no ports connected.

** Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated.

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