

# FAST<sup>2</sup> Gigabit Ethernet Switch

## OVERVIEW

Fast is a dual L2/L3 manageable Ethernet switch especially designed to setup a true redundant integrated network. With a dual emedded motherboard and a redundant power supply unit Fast provides a highly secured multitasks platform to create and manage easily the most complex networks without specific skills in IT technologies. The internal link between the two separated networks provides to Fast a large range of application and make possible a cost-effective extension for Ghost and H1 based Agora networks.

Agora Controller is the dedicated software specially developed for touring and live application. Agora Controller can manage instantly up to 200 devices connected to the network from a Windows 7 to 11 and Max OS 10.5 and later PC connected on one device. Agora networks are fully independents of any protocol and perfectly versatile for each drive data. Agora 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.

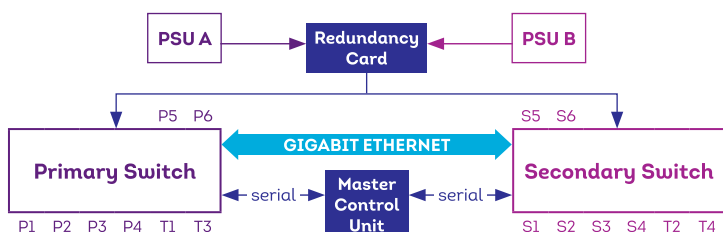
## PRINCIPAL FEATURES

- 12 Ethercon® 10/100/1 000 Mbps ports fully independents and assignable: 6 from primary switch, 6 from secondary.
- 2 Ethercon® 1 000 Mbps ports for Fast link: 1 from primary switch, 1 from secondary.
- Opticalcon® Duo 1 000 Mbps for Fast link (optional): 1 from primary switch, 1 from secondary.
- Available in singlemode and multimode versions.
- 250 Groups can be managed at once.
- STATUS and TRAFFIC LEDs for remote of each port.
- ID LED on each user port.
- Bus, ring, star and hybrid topologies available.
- Redundant power supply is available (optional).

## 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 website.

- Ethersound™
- Dante™
- TCP/IP remote networks
- Artnet
- 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:

- Multimedias broadcasting



## TECHNICAL SPECIFICATIONS

### GENERAL

Size W x D x H (mm)	400 x 482.6 x 43.6
Weight (without options)	3.8 kg
Power consumption	100-127 VAC / 3.2 A 200-240 VAC / 1.6 A
Power supply	100/240 VAC 50/60Hz
Idle power <sup>1</sup>	8 W
Maximum power rating <sup>2</sup>	17 W
Storage temperature / Humidity	-40° à 70°C / 10-90% without condensation
Operating temperature / Humidity	0° à 40°C / 10-90% without condensation
Température de Stockage / Humidité	-40° à 70°C / 10-90% without condensation
Altitude	Up to 10 000 ft (3 000 m)
Acoustic	Without fan

### CONNECTIVITY & INTERFACE

Front Panel	8 x 10 Base-T / 100 Base-TX / 1000 Base-T Ethercon ports (4 primary / 4 secondary) 2 x 10 Base-T / 100 Base-TX / 1000 Base-T Ethercon® ports (1 primary / 1 secondary) 2 x 10 Base-T / 100 Base-TX / 1000 Base-T OpticalCon® Duo ports (1 primary / 1 secondary) 3 LEDs (STATUS, TRAFFIC, ID) on each Ethercon® port 2 LEDs (STATUS and TRAFFIC) on each OpticalCon® port 1 x Multipurpose LED 1 x Configuration and navigation function switch
Rear Panel	4 x 10 Base-T / 100Base-TX / 1000 Base-T Ethercon ports (2 primary / 2 secondary) 1 x Power cord
Software	SNMPv3 & SSH protocols Emulate editor mode

### PROCESSING

Motherboard	1 x ARM9E: 800 MHz 2x 64 Mo - DDR3 SDRAM 128 Mo flash memory Dataflow: up to 2 x 14.9 Mpps Switching capacity: 2 x 20 Gbps
Network	250 x Groups available Capacity of 2 x 8 K MAC Address IEEE 802.1p Qos

### PACKAGE & WARRANTY

Package includes	1 x Fast 2 engine 1 x IEC13 power cord
Warranty	5 years parts and service

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

2 - 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.

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

[www.agora-network.fr](http://www.agora-network.fr)