

HYPERION HP1

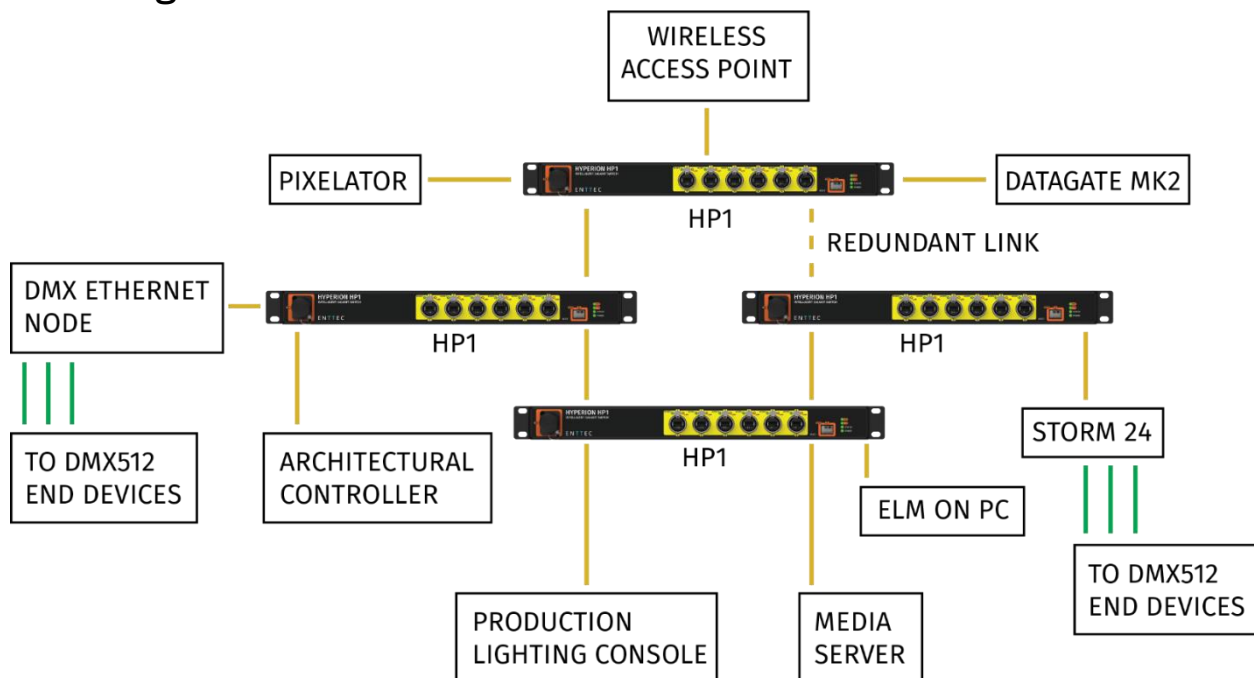
INTELLIGENT GIGABIT SWITCH



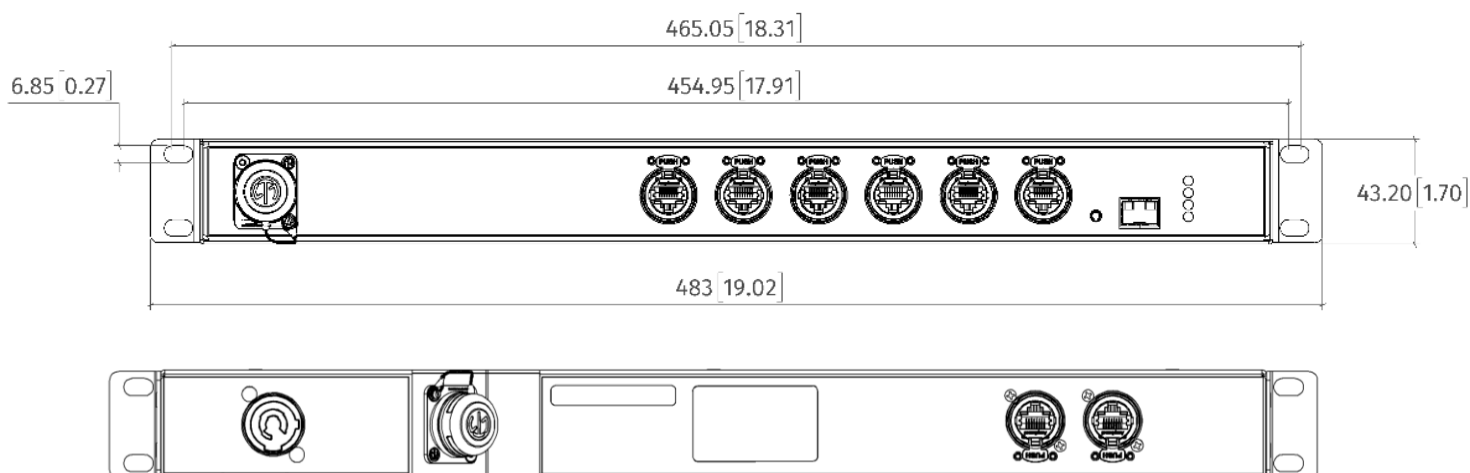
Product Features

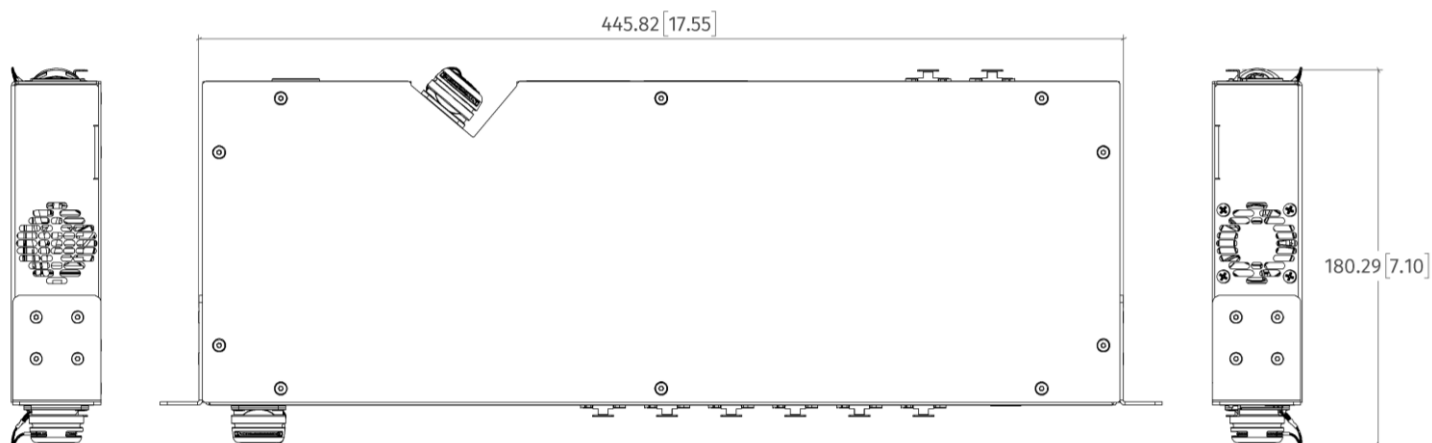
- Touring grade Gigabit Switch
- 6 X Front etherCON connectors
- 2 X Rear etherCON connectors
- 1 X SFP cage for optical transceiver module
- 1 X opticalCON Duo (model dependant)
- 1 X Fan
- 1 X powerCON
- Reset button
- Power supply protection against over-current, over temperature, shorts and over-voltage
- Secured web interface (password protected)
- Port sensing: Auto negotiation
- Auto crossover: MDI / MDIX
- Auto sensing: Full or Half Duplex
- EtherCON ports speed - user configurable (up-to 1 Gbps)
- EtherCON ports duplexity - user configurable
- EtherCON ports flow control - user configurable
- Built in web-server to configure options
- User Configurable network settings
- Redundancy Link on Ports 7 and 8
- Prioritises professional lighting protocols and is compatible with Art-Net, sACN, MA-Net, PTPv1, PTPv2 and other TCP/IP usages.
- Multicast aware switch (IGMP Snooping) with superior management of sACN traffic in network
- Protection against the Denial of Service (DOS) threats such as SYN/ SYN-ACK, LAND, ping flood, Smurf and ping of death attacks
- Supports multiple Quality of Service (QoS) strategies enabling efficient data streaming in the network
- Rack mountable (rack ears attached)

Network Diagram

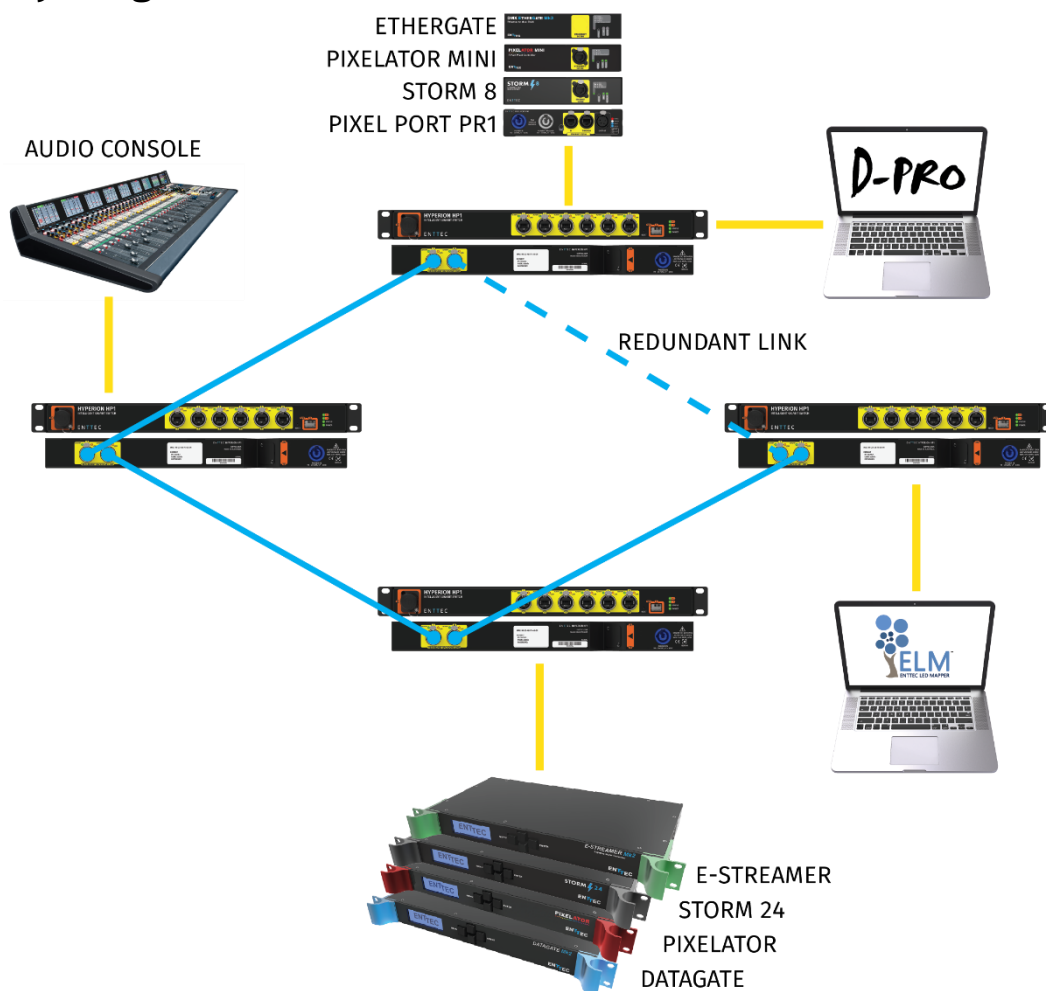


Physical Dimensions millimetres [inches]





Redundancy Diagram

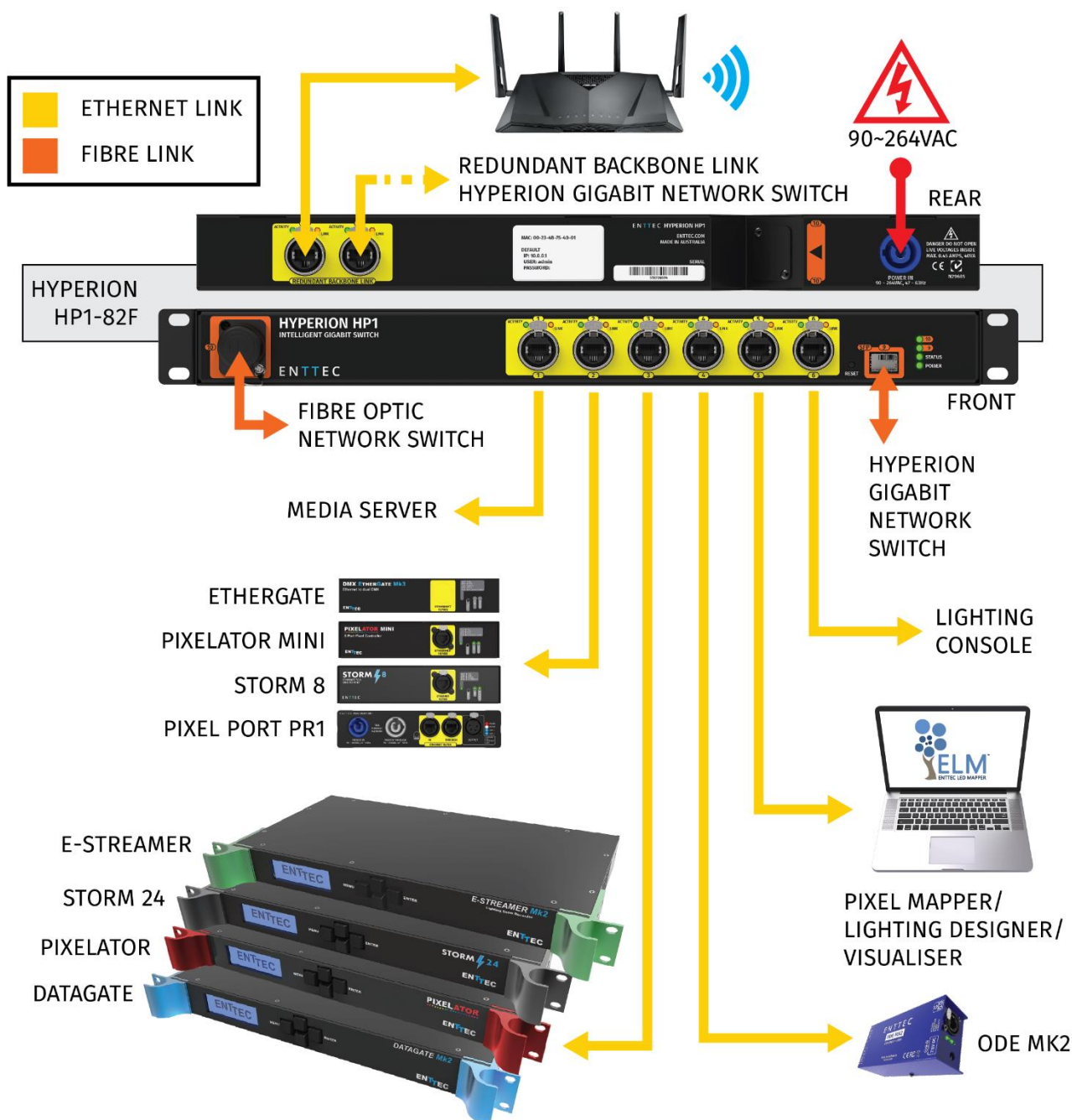


Specifications

Item	Model SKU				
	71025	71026	71027	71028	71029
Input Voltage	90-264 V AC				
Input Frequency	47-63 Hz				
Temp.	Storage	-20°C to 70 °C			
	Working	0°C to 40 °C			
Humidity	Storage	5% to 90% non-condensing			
	Working	10% to 90% non-condensing			
Connectors	1X powerCON IN 6X Front etherCON connectors 2X Rear etherCON connectors 1X 1000M SFP port				
	1X OpticalCON Duo (Front)	N/A	1X OpticalCON Duo (Rear)	1X LC Duplex connector (Front)	1X LC Duplex connector (Rear)
IP Rating	IP20				
Cooling Method	Fan (always on)				
Maximum Power	60 W				
Power Supply Protection	Over-current			Auto recovery	
	Over-temperature			Latch	
	Short			Auto recovery	
	Over-voltage			Auto recovery	
MAC Address table limit	8192				
Maximum frame length	9216 B				
Cache	32 Mb				
Switching Capacity	52 Gbps				
IGMP support	Yes (V1/V2)				
IGMP snooping (multicast)	Yes, enabled by default				
Net Weight	2.5 kg / 5.52 lb				
Gross Weight	2.8 kg / 6.18 lb				
Dimensions (without ears) L x W x H	445.82 mm x 180.29 mm x 43.20 mm 17.55 in x 7.10 in x 1.70 in				
Dimensions (with ears) L x W x H	483 mm x 180.29 mm x 43.20 mm 19.02 in x 7.10 in x 1.70 in				
Packaging Dimensions	533 mm x 247 mm x 111 mm 21.78 in x 9.72 in x 4.37 in				
Ethernet Compliance	IEEE 802.3, IEEE 802.3u, IEEE 802.3x Flow Control, IEEE 802.3ab Gigabit Ethernet				

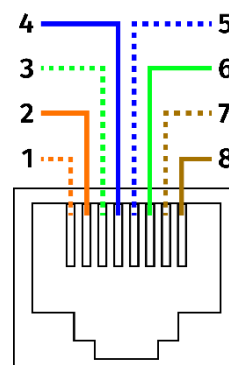
Due to continuous improvements and innovations of all ENTTEC products, specifications and features are subject to change without notice.

Application Diagram



Ethernet Link Pin Out

Pin	Colour
1	White/Orange
2	Orange
3	White/Green
4	Blue
5	White/Blue
6	Green
7	White/Brown
8	Brown



Available Models

71025
HP1-82F



71026
HP1-81



71027
HP1-82R



71028
HP1-83F



71029
HP1-83R



Ordering Information

SKU	Model Handle	Description
71025	HP1-82F	Hyperion Gigabit Switch with OpticalCON Duo (Front)
71026	HP1-81	Hyperion Gigabit Switch NO OpticalCON
71027	HP1-82R	Hyperion Gigabit Switch with OpticalCON Duo (Rear)
71028	HP1-83F	Hyperion Gigabit Switch with LC Duplex (Front)
71029	HP1-83R	Hyperion Gigabit Switch with LC Duplex (Rear)

Accessories and Recommended Products

SKU	Description
51155	Gigabit LC Fibre Optic Hyperion SFP Module (SFP-1GE-LX-1310nm)
73910	US Mains plug powerCON cable
73911	UK Mains plug powerCON cable
73912	EU Mains plug powerCON cable
73913	AU Mains plug powerCON cable

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