

# oneIP BY PULSEEIGHT

## OneIP Transceiver



### TECHNICAL SPECIFICATIONS

**SKU:** P8-ONEIP-1G-4K-TZ

**HDMI Inputs:** 1x HDMI® 2.0

**HDMI Outputs:** 1x HDMI 2.0

**Audio Output:** 1x Optical (TOSLINK)

**Ethernet Cable:** Cat5e or better

**Ethernet Passthrough:** Yes

**IR Control:** Bidirectional

**HDMI-CEC Control:** Yes - Full

**Web Interface:** Yes

**Monitoring:** Remote Monitoring Portal

**Automatic EDID Management:** Yes

**Third Party Control:** Yes - Drivers available

**Network Connectivity:** 2x 1GbE RJ45 (1x PoE+ Capable)

**Encryption:** HDCP 1.4, HDCP 2.2 and HDCP 2.3

**Maximum Pixel Clock:** 600Mhz

**Maximum Bandwidth:** 18Gbps

**Maximum Video Resolution:** 4K@60Hz 4:4:4 8bit

**Data Rate:** 850 Mbit/s (Best Quality)

**Transfer Modes:** Transceiver, Receiver or Transmitter Mode

**Power Input:** PoE+ or optional DC power supply

**Local Power Rating:** 12V 3.0A 50/60Hz

**PoE+ Power Consumption:** Max 30W @48VDC

**Enclosure:** Powder Coated Aluminium

**Product Dimensions:** 25cm x 15.5cm x 3cm

**Product Weight:** 0.6 kg

**Operating Temp Range:** 0 to +35°C (32 to +95°F)

**Storage Temp Range:** -20°C to 60°C (-4°F to 140°F)

**Humidity Range:** 5 to 90% RH (no condensation)

**Safety & Emissions:** UKCA, CE, FCC, RoHS

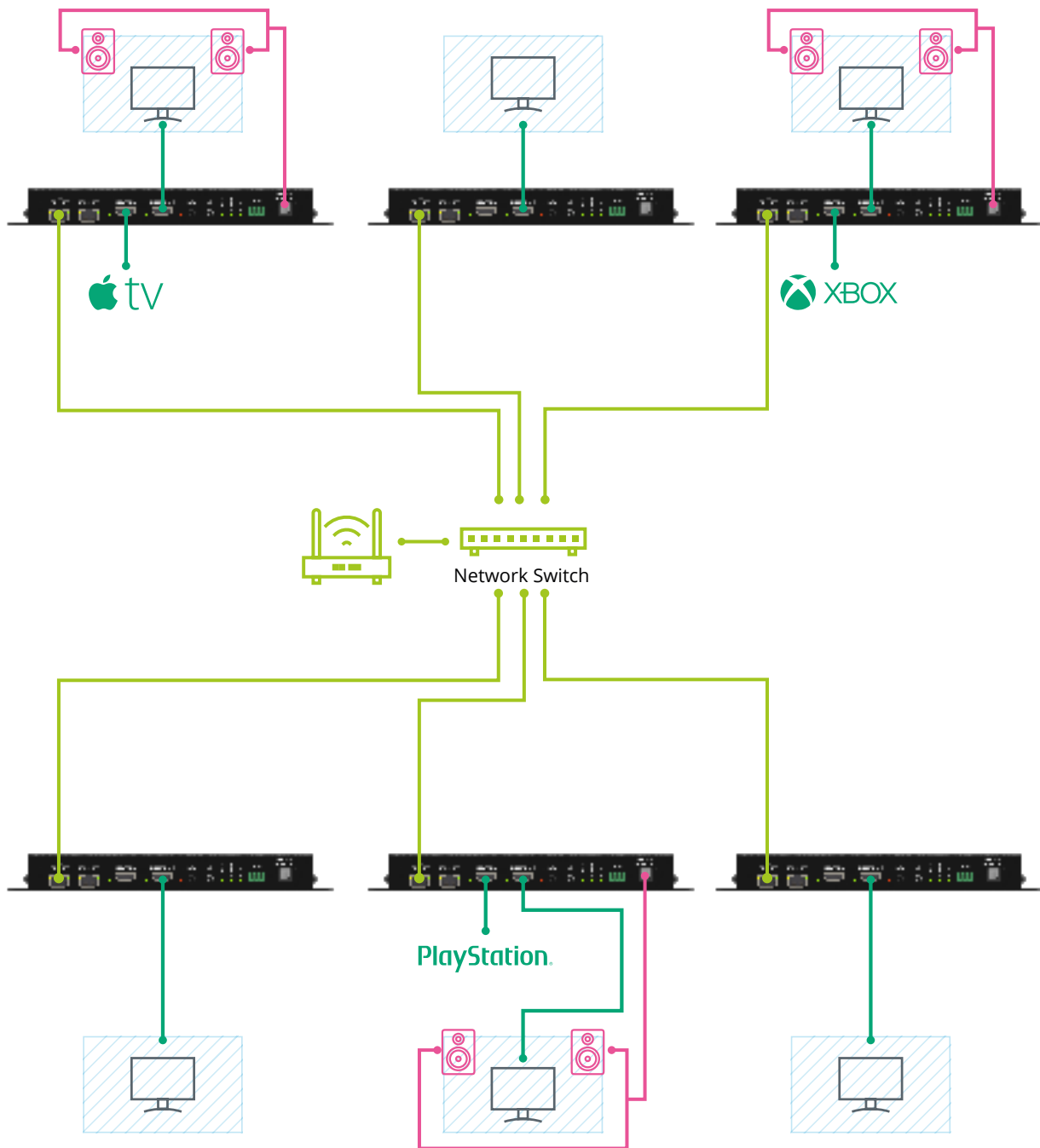
**Manufactured In:** Great Britain by Pulse-Eight

### KIT INCLUDES

1x OneIP Transceiver | 1x Phoenix Connector  
1x Quick Start Guide



# CONCEPT WIRING DIAGRAM: OneIP Transceiver



## LEGEND

- Infrared
- PoE+ Ethernet
- Digital Audio
- Ethernet
- Speaker
- HDMI

