



Pro-ONE

Your ultimate
LED Pixel
control solution

Product Features

Networking / Input

The Pro-ONE can receive up to 32 Art-Net Universes (16,384 channels), or 28 sACN/E1.31 Universes (14,336 channels) via an Integrated/isolated 10/100 Ethernet network switch, allowing easy daisy-chaining of multiple Pro-ONES on one ethernet network.

Output Ports

8 pixel data output ports (non-powered) give a total of 5440 RGB Pixels, or 4096 RGBW Pixels. Ports can also be reconfigured to give 4 Hardline DMX outputs (not RDM), or any combination of Pixel and DMX Ports (Hybrid Modes). All outputs ports are on pluggable screw terminals.

Superior Signal Quality

Individual ports are capable of driving pixel data up to 100m using standard twin cable (ground and data).

Clear status Indication

Each output port has an activity indicator to assist with troubleshooting and to detect data flow. A single-digit LED display is included on the front panel for Status & IP display.

All indicator LEDs can be dimmed or switched off completely.

Designed for tough environments

Tough and durable extruded Aluminium construction.
Aluminium DIN rail mount or Panel screw-mount options.

Easy to set-up integrated WebUI

Full user manual is available directly from the WebUI homepage

Each port can be individually customized within the WebUI for Port Name, Pixel-Type, Colour Order, Null Pixels, Grouping and Brightness. Individual Port tests and Pixel colour testing are also available.

Visit smartshow.lighting for more information

Product Specifications

Power Input	5-24V DC input via 2way pluggable screw terminal, or USB
Power Consumption	350mA @ 5V, 200mA @ 12V
Network	2 x RJ45 10/100 Network Ports, Auto MDIX Art-Net II/III/IV Unicast, or Streaming ACN (sACN/E1.31) Unicast
Port Data Output	8 Ports, where each port can have either: Up to 1020 RGB Pixels (3060 channels) Or up to 768 RGBW Pixels (3072 channels) Or DMX-512 Hardline output (occupying two adjacent ports)
Supported Pixels	One-Wire Pixels: GS8208, SK6812GRB, SK6812GRBW, UCS2903, UCS2904, WS2811, WS2812, WS2812B, WS2813, WS2815. Two-Wire Pixels: APA102, HD107S, NS107, SK9822, WS2801
Dimensions	140mm length, 80mm wide, 30mm high
Weight	250g (Pro-ONE including screw terminals)
Temperature Range	In Use: -10°C to 70°C Storage: -20°C to 85°C
IP Rating	IP20
Product Compliance	Conducted Emissions: DIN EN 55015 Annex J (CISPR 15) & ICES-003, part 4 (Class A Digital Device Limits) Radiated Emissions: DIN EN 55015 Annex D (CISPR 15) & ICES-003, part 5 (Class A Digital Device limits) Electrostatic discharge: EN61000-4-2 General Product Safety Regulations 2005 (GPSR) RoHS 2011/65/EU
Warranty	Two-year limited manufacturer's warranty from date of purchase
Contact Details	SALES: sales@smartshow.lighting ACCOUNTS: accounts@smartshow.lighting

