

DATASHEET PIXLDRIVE1 CONTROLLER



GENERAL

Product name	PixlDrive1 controller
Description	1 channel controller with internal power supply to control 8 x BW100 or 16 x BW50 or max. 400 pixels
Article code	BW-PD1

HOUSING / MECHANICAL

Housing	Metal housing, black powder coating, IP20 rating
Mounting	M6 hole to mount safety hook, Integrated M12 thread for truss mounting

ELECTRICAL

Power input	110-240 VAC , 50/60Hz, 200W
Max operating temperature	min 40°C to 40°C

CONTROL PROTOCOLS

Supported protocols	Art-Net v4 sACN (MultiCast IP)
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CONNECTIVITY

Network	Ethercon: 2x - 100 Mbit
Power	PowerCon True 1 IN + PowerCon True 1 OUT
WiFi	WiFi inside

PIXEL OUTPUT

Voltage	24V DC
Connector	Plastic M12 4 pin connector, push lock
Protocol	Proprietary Lucenti "Pixlbus" protocol
Max amount of pixelbars	1m pixelbar - BW 100: 8x 50cm Pixelbar - BW 50: 16x Max 400 pixels
Dmx channel mapping	Configurable mapping of pixels and ledbars to dedicated dmx universes and channels
Max no of dmx universes	4

FUNCTIONS

Basic functions	Artnet or sACN to control the pixel bars Standalone test and effects mode Auto configuration Redundant pass through of data
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USER INTERFACE

Controls	Rotating push button knob
Display	16x2 character display for menu and status information
Web Interface	Built-in responsive web interface for advanced configuration

ACCESSORIES

Accessories	BW-RM2 Optional 19 inch rack mount bracket to mount 2 controllers side by side. Height: 1 Unit
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