

DATASHEET PIXLDRIVE1 CONTROLLER



SMART PXLBUS

Auto Setup	Enumerate, address and map all connected fixtures in an automated way
PxlBus	Get detailed status reports from fixtures Global synchronization Detect failures Update fixture firmware

CONTROL

Supported Ethernet DMX protocols	Art-Net I (broadcast) & II, 3, 4 (unicast). Supports Art-Poll. sACN/E1.31 multicast (IGMPv2) and sACN unicast.
Synchronization	ArtSync packet. sACN synchronization packet.
User Interface	16x2 LCD display + rotary pushbutton. Built-in responsive HTML5 web interface.
Built-in effect engine	Library of customizable dynamic patterns.
Set of test patterns	Identify pixel fixtures and run test patterns.
Drives up to	400 RGBW pixels per controller.
Wi-Fi	Built-in Wi-Fi for configuration access.

CONNECTORS

AC power input	Neutrik powerCON TRUE1
AC power output	Neutrik powerCON TRUE1
Ethernet	Dual Neutrik etherCON ports, internal 100Mbit network switch
Pixel output	Proprietary Pxlbus connector. Drives up to 400 RGBW pixels.

MECHANICAL

Housing	Metal, black powder coating
Dimensions (L x W x H)	330 x 180 x 45mm
Weight	2365g
Construction	Indoor, IP20
Operating Temperature	-20 to +45 Degrees Celsius
Mounting	M6 hole for safety hook. Integrated M12 thread for truss mounting. 19inch rack mount available (BW-RM2)

MAX CABLING CONSIDERATIONS

30M in between controller and first bar and NO cable in between bars

NO cable in between controller and first bar and 10M in between 8 BW-100 bars

NO cable in between controller and first bar and 5M in between 16 BW-50 bars

The cable lengths might be increased when using less bars or not using full output (RGBW@Full) on all bars!

BUILT-IN POWER SUPPLY

AC input voltage	100-240V ac / 50-60Hz
DC output voltage	24V dc
Max. total power consumption	200W

MODELS

PN	BW-PixlDrive1
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ACCESSORIES

Rack mount bracket kit (LU-BW-RM2)	LU-BW-RM2
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All RGBW pixels full on @ 100%



