

# DATASHEET PIXLDRIVE1 CONTROLLER



## SMART PIXLBUS

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

## CONTROL

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

## CONNECTORS

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

## MECHANICAL

<b>Housing</b>	Metal, black powder coating
<b>Dimensions (L x W x H)</b>	330 x 180 x 45mm
<b>Weight</b>	2365g
<b>Construction</b>	Indoor, IP20
<b>Operating Temperature</b>	-20 to +45 Degrees Celsius
<b>Mounting</b>	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
<b>The cable lengths might be increased when using less bars or not using full output (RGBW@Full) on all bars!</b>	

## BUILT-IN POWER SUPPLY

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

## MODELS

<b>PN</b>	BW-PixlDrive1
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## ACCESSORIES

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



