

# IPLD-48x144-RGB-6.67-ODN-FS

Outdoor Enclosed LED Display — 6.67mm Pitch



Virtual representation of sign. Actual product may vary slightly.

## SPECIFICATIONS

### MECHANICAL

Height	12.6" (320 mm)
Length	37.8" (960.1 mm)
Depth	4" (101.6 mm)
Weight	17.6 lbs (8.0 kg)

### POWER

Input	12–24 VDC at 50–60 Hz
Max Consumption	540W
Typical Consumption	150W

### ELECTRICAL

Ethernet	RJ45 — 10/100 Mb Cat5
USB	2.0 Host — Type A
Audio	3.5 mm Stereo Jack (3-conductor)
Enclosure	2 × 3/4" Knockout Openings
Power Connection	Wago Lever Nuts

### DISPLAY

LED Array	48 × 144
Total Pixels	6,912
Dot Pitch	6.67mm
Color	Full Color R/G/B

### INTERNAL

Processor	ARM A8 @ 1 GHz
Memory	1 GB SDRAM
Storage	uSD Card — 2 GB min
Cooling	Thermal-activated fans

### ENVIRONMENTAL

Operating Temp	–34 °C to 65 °C (–30 °F to 150 °F)
Humidity	Up to 90% non-condensing
Ethernet Isolation	1500 VAC min (IEEE 802.3)
LED Rating	IP65 — PTFE gasketed



## Integrated 10/100 Ethernet

TCP/IP enabled out of the box with a **built-in web server**. Supports **DHCP** and **NTP** for effortless network integration.

## Server-Free Solution

No middleware or additional hardware needed. **Web-based interfaces** and **XML or JSON** data structures let you work directly with the sign.

## Browser-Based Interface

Manage your display from **any web browser**—send messages, check status, configure thresholds and layouts. **No software to install.**

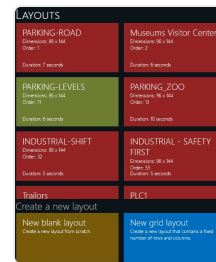
## Direct PLC Interfaces

Connect to standard-based PLCs with native protocol support:



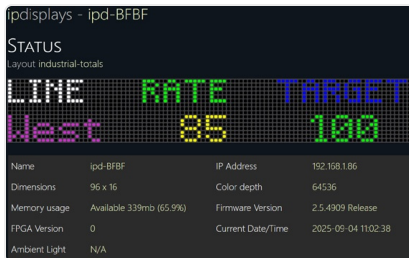
## Remote Snapshot

View exactly what's on the display from **anywhere**. The sign generates a live copy and sends it to your browser.



## Dynamic Sign Layouts

Schedule any number of layouts with the built-in **Playlist manager**. Control display order, timing, and content for maximum impact.

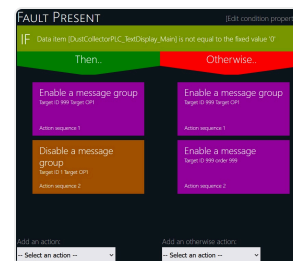


## Live Message Elements

Insert **real-time data** into any message. Combine static text, scrolling text, live data fields, clocks, and bitmap graphics.

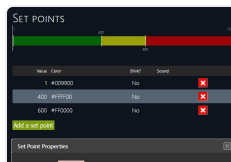
## Fonts, Graphics & Effects

Choose from **44 built-in fonts**. Add entry and exit effects to bring your messages to life.



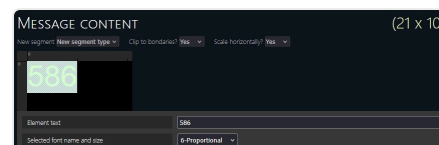
## Conditions & Program Logic

Tie program logic to sign variables. When data changes, automatically **activate** or **deactivate** messages, layouts, thresholds, and commands.



## Data Thresholds

Set thresholds to automatically **change message color or state**, bringing immediate visual impact to critical events.



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