

Reliable Outdoor ePaper Solutions for Stationary Applications

In-house low-power ARM design with Debian OS for ePaper

Customizable displays and mounting solutions

Designed with illumination and auto-dimming for all-day visibility

Optimized mechanical design tailored to customer needs

Customize Your Size with ADLINK

	Size	13.3”	31.2”	55”	75”
Display Characteristics	Color	Greyscale	Greyscale	• Greyscale • Color	• Greyscale • Color
	Resolution	1600 x 1200	2560 x 1440	Coming Soon	

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AUO Display+

intel prestige partner

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ADLINK
LEADING EDGE COMPUTING



PASSENGER INFORMATION DISPLAY SOLUTIONS

Real-time Display Technology for Modern Transit Networks



ADLINK Passenger Information Display System Flyer 2025

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Customize Your PIDS with ADLINK

Advanced Display x All-in-one Mainboard

We provide:

- A broad range of display sizes with various housing options, glass types, and coating methods
- An in-house designed, all-in-one mainboard

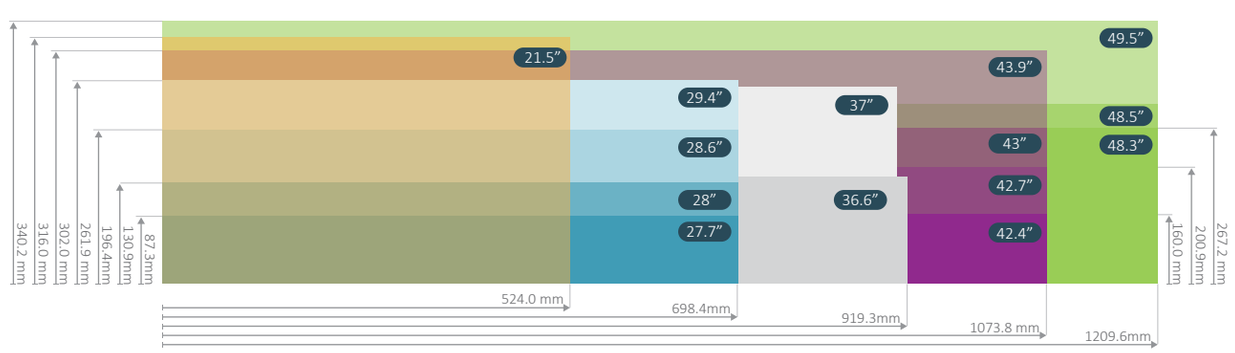
Specification discussion on housing, IK glass, coating & other requirements.

Multi-panel support with railway-grade mainboard and power supply.

Tailored mechanical design and OS selection for seamless performance.

Rapid proof-of concept delivered within **45 days**.

Panel Selection Guide



	Size	21.5”	23.8”	31.5”	28”	28.6”	37”	36.6”	48.5”	49.5”
Display	Resolution	FHD 1920 x 1080			1920 x 360	1920 x 540		1920 x 290	1920 x 360	1920 x 540
	Brightness	500~2500 nits								

All-in-one PIDS Mainboard and Power Supply

Integrated scaler IC and onboard M12 LAN for enhanced reliability and durability



Flexible Display Options

Supports 15"–49" panels, UHD/ FHD resolution, and dual-screen configurations.

Comprehensive I/O

Besides four LAN port options, the system supports M.2, USB touch, and I²C interfaces for flexible expansion.

Dual Platform Compatibility

Supports both x86 and ARM architectures for flexible system integration.

Wireless Connectivity

Optional 5G and Wi-Fi for real-time updates, alerts, and media streaming.

Solution Ready PIDS

EN50155 EN45545-2

For Onboard Dynamic Route Map

ADLINK, in collaboration with AUO, offers a full range of PIDS solutions designed for railway applications. Our displays are engineered for low power consumption—**reducing energy use by up to 20%** compared to traditional models on the market—and are **EN50155-certified** for railway operation. Each panel undergoes **500-hour reliability testing** and performs consistently across a wide temperature range from –25 °C to 55 °C, ensuring reliable operation in the harshest environments.

Railway-Ready

Green Solution

Auto-Dimming

DC 24-110V





Model Name		ARD-R2150	ARD-RS2860
Display	Size	21.5”	28.6”
	Resolution	1920 x 1080	1920 x 540
	Brightness	1000 nits	1000 nits
System	CPU	Intel Atom® x7211RE Processor, 1.0GHz, 6W TDP	
	Memory / Storage	LPDDR 4GB & 32GB eMMC onboard	
	Storage	1x M.2-2242 M Key slot	
I/O Ports	LAN	2x Ethernet 10/100 Mbit/s M12 D-Coded Supports LAN relay bypass for Daisy Chain network reliability	
Maintenance Ports	USB	1x USB Type-C (USB 3.2 Gen 1, DP Alt Mode, USB PD 3.0, 5V@3A) 1x USB Type-A (USB 3.2 Gen 1)	
	Display	1x HDMI-In	
Light Sensor		Built-In light sensor for auto dimming	
Power		24-110V ~ 50/60 Hz, M12 A-Coded	
Mechanical	Housing	3mm tampered glass, Metal, Fanless Design	
	IP Rating	IP65 Front	
Working Temp.		OT1 (-25°C to +55°C)	
Compliance		EN50155, EN45545-2	
Net Weight		7.2 kg	9.2 kg
Dimensions		524 x 316 x 50 mm	749 x 127 x 60 mm
OS Support		Debian 12	