

# RailPoint. RP43TP

Slimline wall-mounted interactive poster board with RailPay

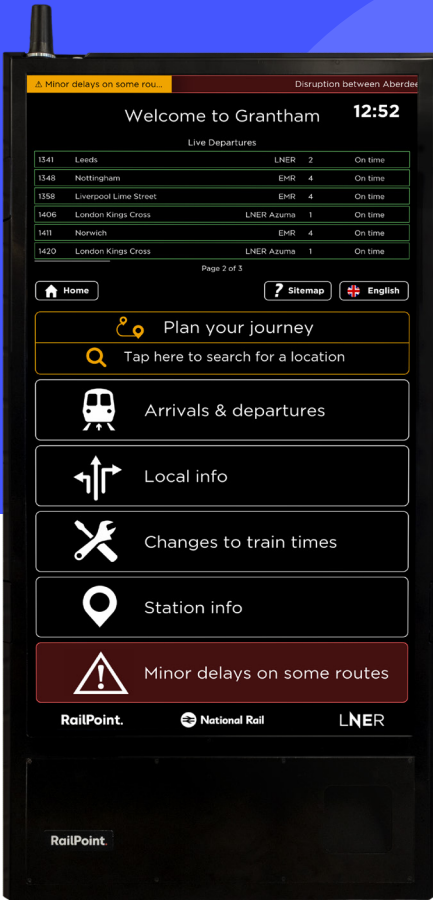
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Kadfire and Infotec are proud to collaborate on a new range of displays which are ideal for passenger information, notices, operational and disruption information in concourse areas. Optimised for the RailPointOS, the displays offer highly flexible and dynamic content such as live service info, journey planning, images, videos, timetables and scheduled advertising.

The TP Series poster displays are designed for fitting to walls in areas such as concourse or ticket areas. At only 50mm in depth, the display is slim enough to integrate with the station environment without additional safety barriers.

Coupled with Infotec's high-performance X86 controller, the RP43TP produces a vibrant, crisp and high-contrast image to ensure the legibility in a wide variety of ambient lighting conditions. The result is a modern, industrial-caliber range of reliable and rugged displays that can be deployed in challenging environments.



- ✓ **Perfect for Commercial messaging, customer wayfinding, real-time travel and disruption information.**
- ✓ **Ticketing sales ready via RailPay upgrade.**

**Key features**

- 43" Full HD interactive display
- Super slim design (50mm)
- RailPay and NFC enabled
- Multi-touch PCAP touch screen
- 5mm toughened anti-reflective glass
- Multiple Connection options, including Ethernet, WiFi, GSM (4G/3G/2G), RS485 and ADSL
- Automatic panel failure detection
- Industrial grade TFT panel
- IP65 rated enclosure
- Certified to European Standards, low voltage directive EN60950-1 2006, EN60950-22 (safety) and EN50121-4 (EMC)



Alternative enclosure colours

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## Specifications.

<b>TFT</b>	<b>TFT Type</b>	43" industrial grade, wide view
	<b>Viewing Angle</b>	178 degrees
	<b>Backlight</b>	Long-life white LED
	<b>Resolution</b>	1920 x 1080 pixels
	<b>Orientation</b>	Portrait
	<b>Aspect Ratio</b>	16:9
	<b>Brightness</b>	500 cd/m <sup>2</sup>
	<b>Visible Area (x) x (y)</b>	531 mm x 943 mm
<b>Enclosure</b>	<b>Construction/Finish/Colour</b>	Welded Aluminium & Zintec/Powder Coated/RAL9005 (Black)
	<b>Dimensions</b>	649 mm (w) x 1250 mm (h) x 50 mm (d)
	<b>Weight</b>	35Kg
	<b>Screen</b>	5mm toughened anti-reflective glass
	<b>Access</b>	Removable cover for the electronic access – panel change will be swap out
	<b>Cable Entry</b>	M20 x 1.5 threaded gland – Bottom of display as standard / Top of display as an option
<b>Mounting</b>	<b>Arrangement</b>	Wall mounted – Removable trim allows direct fixing to the wall
<b>Environmental</b>	<b>Ingress Protection</b>	IP65 BSEN60529 1992 (incl. amendments) parts 1 & 2
	<b>Operating temperature range</b>	-10°C to 50°C
	<b>Humidity</b>	20% to 90% (non-condensing)
	<b>Application</b>	Indoor rugged location – (Dust and Water Proof (IP65))
<b>Electrical</b>	<b>Power</b>	95Vac-264Vac 50Hz (nominally 230Vac). Input inrush current 20A peak
	<b>Power Consumption @ 230Vac Power Termination</b>	112W (typical) 5m flying mains cable (bottom access – unless requested top access)
<b>Controller</b>	<b>Type</b>	Infotec CVA3 x86 PC – Quad core N4200 Apollo Lake processor
		64Gb – SATA SSD / 4Gb DDR3
	<b>O/S</b>	RailPoint Linux OS
<b>Communication</b>	<b>Interface</b>	10/100BaseT Ethernet, RS485 GSM - 3G and 4G (Network Device)
	<b>Termination</b>	1x 5m Cat5E RJ45 flying cable
	<b>Touchscreen</b>	PCAP – Multi-touch
<b>Features &amp; Diagnostics</b>	<b>Brightness/Power Control Temperature Monitor Operational Rating</b>	Software control & ambient light sensor Internal temperature monitoring and control 24 hours-a-day, 365 days-a-year continuous operation
	<b>Power Supply Assist guardian Panel Failure</b>	TFT panel and backlight voltages monitored Infotec amGuard (contact for more information) Panel facing sensor for panel failure detection
<b>Approvals</b>	<b>EMC</b>	Rail standards EN61000 parts 6-4:2007, 6-2 , 3-2:2014, 3-3:2013 & 6-2:2005/EN50121-4:2016
	<b>Low Voltage Directive</b>	Meets relevant parts of EN62368-1:2006 & EN60950-22
	<b>PRM TSI compliance</b>	Yes (character height dependent)
	<b>Warranty</b>	2 Years (or other options available on request)
	<b>NR Approvals</b>	0111/121102
<b>Optional Extras</b>	<b>-G</b>	SIM enabled wireless interface
	<b>-S</b>	Sub-surface compliant (Low toxicity: LUL Section 12)
	<b>-F</b>	NFC Reader

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