



Rail Track Monitors

# melford **RAIL TRACK MONITOR (RT 248)**

12" high-brightness rail track monitor with a wide viewing angle

Melford's RT 248 range of rail track monitors are designed for DOO (Driver Only Operation) and OPO (One Person Operation) and are purpose-built for use across rail networks - both overground and underground.

The range is available in range of sizes and all monitors are built to withstand demanding weather conditions and to adapt to ambient lighting.

## KEY FEATURES

- IP65 rated for dust and water resistance
- Meets Section 12 requirements
- Approved by Network Rail and LUL
- Installed overground and underground
- Integral Opto isolated video input
- Ambient light sensor
- Lightweight aluminium construction
- 8mm thick laminated glass front
- Temperature cycled before dispatch
- Memory free
- Low latency
- Setup via IR remote control

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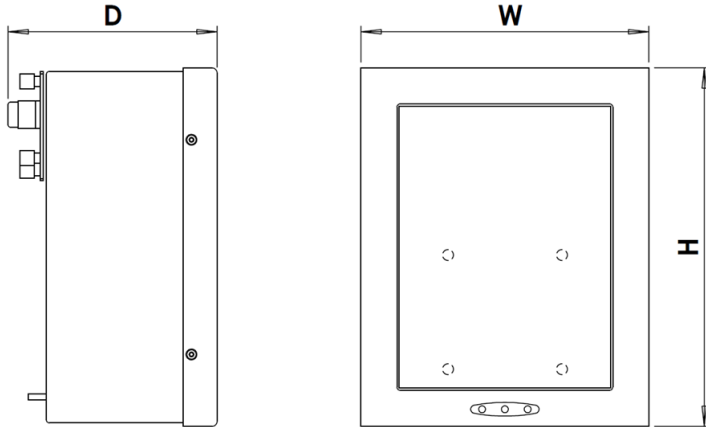
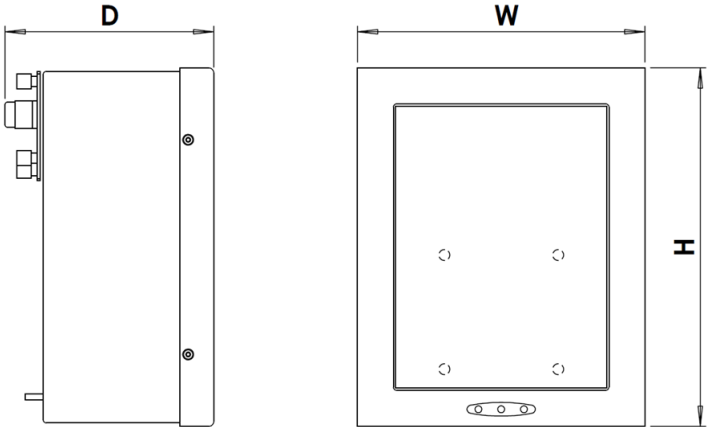
# Presenting the Melford Rail Track Monitor (RT 248) range

# melford

# RT 248 12"



# RT 248 12" (U)



## 12 Inch

<b>Specification</b>	Size	12.1"
	Dimensions and weight	W x H x D in mm: 252.5 x 314 x 183 Weight: 6.5kg (approximately)
	Resolution	800 x 600
	Pixel arrangement	RGB horizontal stripe
	Response time	25ms (16ms)
	Contrast ratio	1000:1
	Brightness	400cd/m <sup>2</sup>
	Viewing angle	89,89,89,89 (U,D,L,R)
	MTBF	>50,000 Hrs
	Backlight expectancy	50,000hrs to brightness at 25°C
	Active display area	246mm (H) x 184mm (V)
	Max colour	262,144 (6 bit)
<b>Supported signals</b>	Composite video	PAL 1Vpk-pk 625/50*/** +3.0dB - 6.0dB
<b>Power supply</b>	230V AC/ 50Hz	90VAC – 264VAC/ 50 - 60Hz
	Power indicator	Blue LED
	Power consumption operating	<20W
<b>Input/output signal connectors</b>	Composite video in/out	75Ω Isolated BNC
	Power connector	Std IEC Inlet
<b>User controls</b>	OSD control keys (not fitted as standard)	OSD is controlled via infrared remote control handset. Lock out function available.
	Brightness controls	Automatic/Manual
<b>Environmental</b>	Operating and storage conditions	Operative: -10°C to +55°C Storage: -20°C to +55°C Humidity: 30% to 90% (Non condensing)
	Safety operation	It is advisable to operate the monitor at ambient temperature of 25°C if possible. Do not operate the monitor at maximum settings, as it may reduce the life of the product.
<b>Further info</b>	Part number	90RT24812U
	Warranty	1 Year return to factory (limited warranty)

### Why Melford?

Melford Technologies have been offering innovative technology solutions for over 50 years.

We provide experienced professional design, project planning, configuration, deployment, and maintenance services for a full one stop shop.

We can assist with the design and manufacture of your transport solution from the blank piece of paper at the initial meeting through to installation and post-sales support.

### Contact Us

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