



Rail Track Monitors

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

15" 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

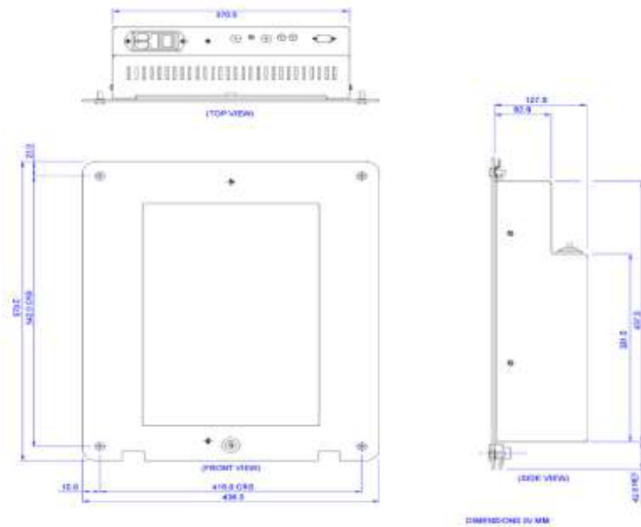
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Presenting the Melford Rail Track Monitor (RT 248) range

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RT 248 15" HBW



RT 248 15" (U)



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15 Inch

Specification	Size	15"
	Dimensions and weight	W x H x D in mm: 296 x 366 x 149.5 (+17mm), Weight: 6.2kg (approximately)
	Resolution	1024 x 768
	Pixel arrangement	RGB vertical stripe
	Response time	5ms (11ms)
	Contrast ratio	400:1 panel only
	Brightness	500 cd/m ² or 1000cd/m ²
	Viewing angle	85,85,85,85 (U,D,L,R)
	MTBF	>80,000 Hrs
	Backlight expectancy	50,000hrs to brightness at 25°C
	Active display area	304mm (H) x 228mm (V)
	Max colour	10 Million
Supported signals	Composite video	PAL 1Vpk-pk 625/50**/+3.0dB - 6.0dB
Power supply	230V AC/ 50Hz	90VAC – 264VAC/ 50 - 60Hz
	Power indicator	Red LED
	Power consumption (500 cd/m ²)	110V/0.28A, 230V/0.16A
	Power consumption (1000 cd/m ²)	110V/0.55A, 230V/0.3A
	Switch on surge	<40A
Input/output signal connectors	Composite video in/out	75Ω Isolated BNC
	Power connector	Std IEC Inlet
User controls	OSD control keys (not fitted as standard)	OSD is controlled via infrared remote control handset. Lock out function available.
	Brightness controls	Automatic
Environmental	Operating and storage conditions	Operative: -15°C to +50°C Storage: -20°C to +60°C Operational 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.
Further info	Part number	90RT24815HB 500 (500 cd/m ²) 90RT24815HBW 1000 (1000 cd/m ²)
	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.

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