



Rail Track Monitors

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

19" 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

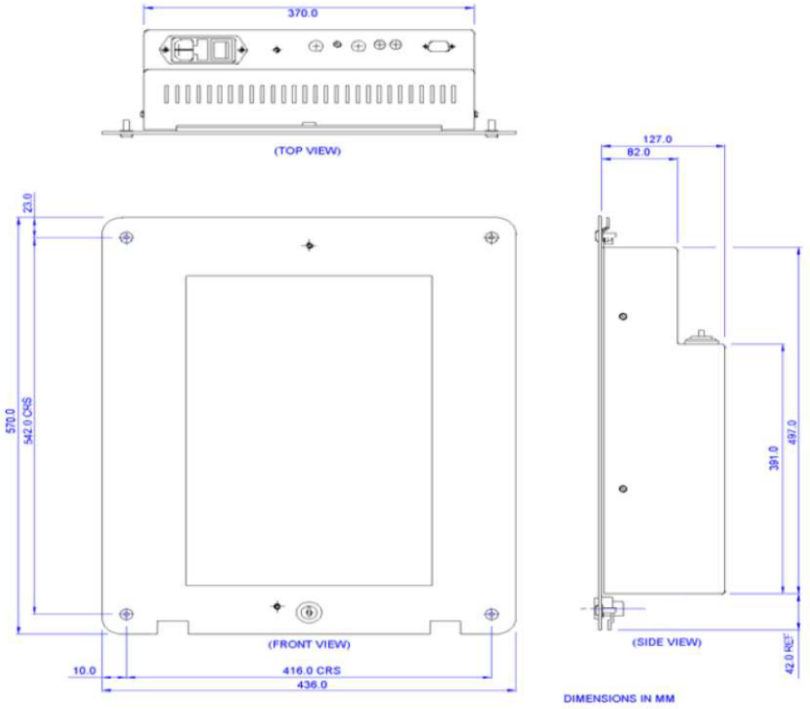
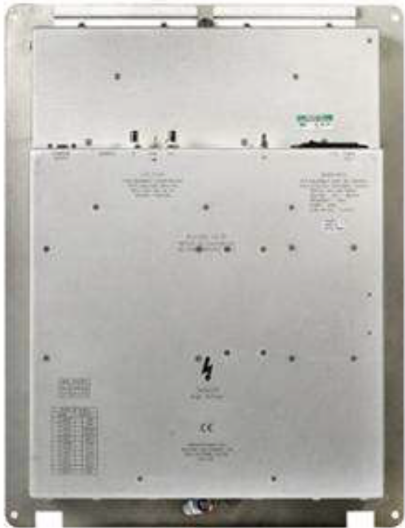
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Presenting the Melford Rail Track Monitor (RT 248) range

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RT 248 19" HBW



19 Inch

Specification	Size	19"
	Dimensions and weight	W x H x D in mm: 436 x 570 x 129, Weight: 10kg (approximately)
	Resolution	1280 x 1024
	Pixel arrangement	RGB vertical stripe
	Response time	8ms (20ms)
	Contrast ratio	400:1 panel only
	Brightness	1000cd/m ²
	Viewing angle	85,85,85,85 (U,D,L,R)
	MTBF	>50,000 Hrs
	Backlight expectancy	50,000hrs to brightness at 25°C
	Active display area	376mm (H) x 301mm (V)
	Max colour	16.7 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 (1000 cd/m ²)	110V/0.55A, 230V/0.3A
	Switch on surge	<40A for 5mS This figure will increase with temperature. Contact Melford for further information.
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	90RT24819
	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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