



Rail Track Monitors

**LEVEL 9!**  
Charging + Digital Displays

**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

[www.level9displays.com](http://www.level9displays.com)



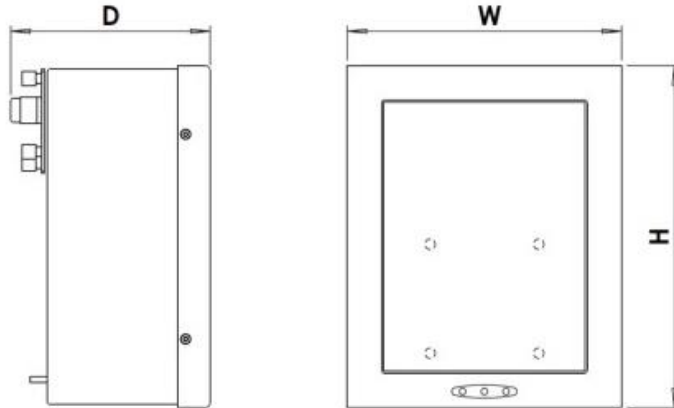
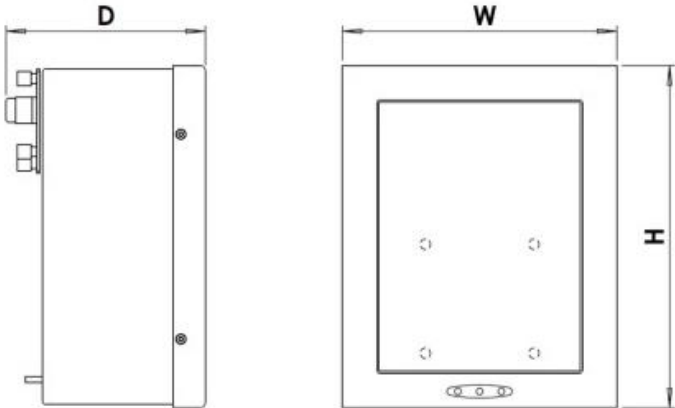
Presenting the Melford  
Rail Track Monitor  
(RT 248) range

**LEVEL 9!**  
Charging + Digital Displays

**RT 248 12"**



**RT 248 12" (U)**



| 12 Inch                        |   |  |
|--------------------------------|---|--|
| Specification                  | 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)  |
| Supported signals              | Composite video                           | PAL 1Vpk-pk 625/50*/** +3.0dB - 6.0dB  |
| Power supply                   | 230V AC/ 50Hz                             | 90VAC – 264VAC/ 50 - 60Hz  |
|                                | Power indicator                           | Blue LED   |
|                                | Power consumption operating               | <20W   |
| 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/Manual   |
| Environmental                  | Operating and storage conditions          | Operative: -10°C to +55°C Storage: -20°C to +55°C<br>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                               | 90RT24812U   |
|                                | Warranty                                  | 1 Year return to factory (limited warranty)  |

## Why Level 9 Displays?

Level 9 Displays has partnered with Melford Technologies to bring you the latest next generation digital solutions.

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

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

## Contact Us

[johnbaird@level9displays.com](mailto:johnbaird@level9displays.com)

(416) 931-3784

