

 Low Latency Monitor

melford **PUBLIC AWARENESS MONITOR (PAM)**

24" high brightness, low latency monitor with a robust, lightweight design and dust and waterproof IP65 rating

The PAM range is designed for harsh environments, such as public information systems and CCTV, to satisfy the requirements for railways, airports and entertainment areas.

All displays are waterproof, dustproof and meet IP65 specifications. All PAM displays feature high brightness screens ranging from 1000cd/m² to 2000cd/m² as standard.

Low latency versions have a very short propagation delay and guaranteed no "picture freeze" - ideal for instant feedback requirements.

KEY FEATURES



Portrait or landscape orientation



Integral Opto isolated video input (DOO only)



Ambient light sensor



Lightweight aluminium and stainless steel



8mm thick laminated glass front



Mains or low voltage operation



Optional sun shield



Automatic brightness and contrast control



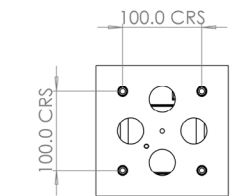
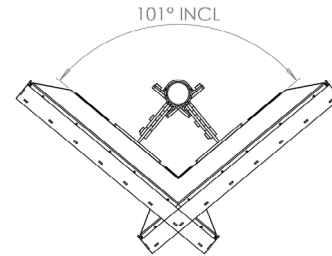
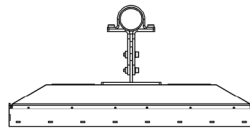
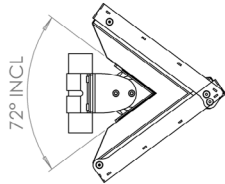
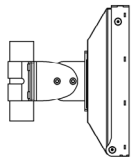
Automatic contrast adjustment (PAM_LL and DOO only)

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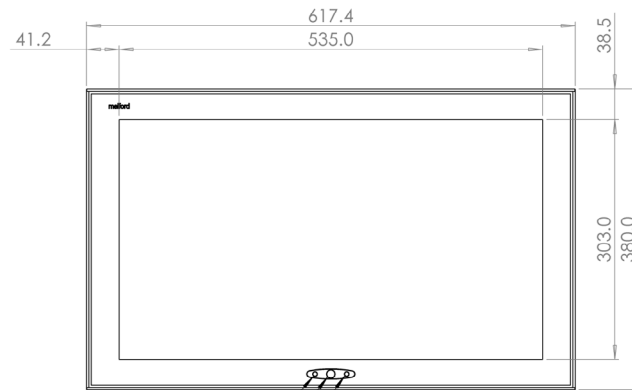
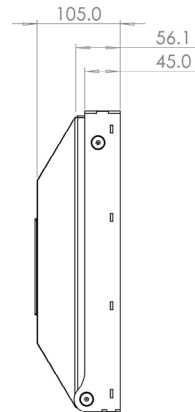


Presenting the Melford Public Awareness Monitor (PAM) range

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VIEW IN DIRECTION OF ARROW "A"
SCALE 1 : 5



LDR
POWER
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melford

24 Inch

| | | |
|--------------------------------|---|--|
| Display | Size | 24" |
| | Dimensions and weight | W x H x D in mm: 632 x 398 x 138 Weight: 15kg (approximately) |
| | Technology | MVA technology |
| | Resolution | 1920 x 1080 |
| | Pixel arrangement | RGB Vertical stripe |
| | Response time | ≤20ms (typical) |
| | Contrast ratio | 2000:1 Panel only |
| | Brightness | HB 1000cd/m ² |
| | Viewing angle | 89,89,89,89 (U,D,L,R) |
| | MTBF | >50,000 Hrs |
| | Backlight expectancy | 50,000hrs to 50% at 25°C |
| | Active display area | 531 mm (H) x 299 mm (V) |
| | Max colour | 16.7 Million |
| | Supported signals | RGB input |
| RGB H&V syncs | | 1 - 5V TTL |
| RGB standard resolution | | 1920 X 1080 |
| RGB frequency rate | | 45 – 90Hz (V) , 15 – 75 Khz (H) |
| RGB auto detect | | VGA Interlaced & Progressive* |
| Interfaces | | DVI-I, HDMI |
| Composite video | | PAL/NTSC/ 1Vpk-pk [optional feature] |
| Power supply | Power supply | 110V/230V AC 50/60Hz |
| | Fuse rating | 5A (T) |
| | Power consumption rating | 89W |
| | Switch on surge | 40A for 5mS at 25°C. This figure will increase with temperature. |
| Input/output signal connectors | RGB (pc) signal in | 75Ω 15-50KHz |
| | Composite video input | 75Ω |
| | Power connector (AC/DC) | 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: -15°C to +45°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 | 90RT-PAM/IP65/24HB |
| | Warranty | 1 Year return to factory (limited warranty) |

*Software can be modified for specific input timings

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 monitor solution from the blank piece of paper at the initial meeting through to installation and post-sales support.

Contact Us

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