Low Latency Monitor

LEVEL9
Charging + Digital Displays

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)

Presenting the Melford Public Awarness Monitor (PAM) range

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72° INCL

101° INCL

105.0
56.1
45.0
41.2
617,4
535.0
38.5
303.0
380.0

100.0 CRS
100.0 CRS

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

A

LDR
POWER
IR

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24 Inch

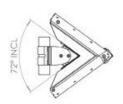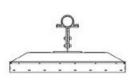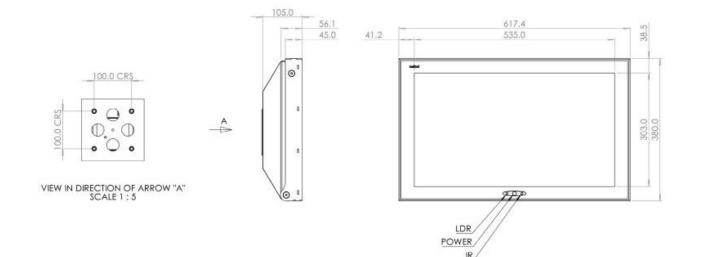| Category	Specification	Value
Display	Size	24"
	Dimensions and weight	W x H x D in mm: 632 x 398 x 138 Weight: 15kg (approximately)
	Technology	MVA technology
	Resolution	1920 x 1080
	Pixel arrangement	RGB Vertical stripe
	Response time	≤20ms (typical)
	Contrast ratio	2000:1 Panel only
	Brightness	HB 1000cd/m²
	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	0.7Vpk-pk 75Ω Term
	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 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

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