

HIGH QUALITY, LCD MONITOR HEAD

The 29LM065E61MY/1 Series of LCD monitor heads has been designed for industrial applications in the Control field and other users that require a VGA compatible monitor with a small footprint, high brightness display with good viewing angles. The rugged, metal construction of the monitor ensures exceptional stability, especially important when touchscreen operation is necessary. The use of metal allows changes in case colour to be cost effective even for small quantities.

The 29LM065E61MY/1 Series of LCD monitors utilise the latest 6.5" VGA TFT Flat Panels. KME has added a versatile Analog-Digital interface board, backlight inverter and OSD controls. All elements, including a toughened glass protective screen have been packaged in a compact, rugged metal housing. The result is a flexible Display Head, ready for integration as part of any system; as an analog monitor, or a touchscreen driven human-machine interface.

SOLUTIONS FOR MONITOR HEADS

- > **Vesa standard fixings for ergo arm**
VESA fixings at the rear making it easy for wall mounting or use with ergo arms.
- > **Optional touch screen facility**
A touch screen can be integrated into the monitor
- > **Inputs**
All monitors have 15-D connectors
- > **Rugged metal construction with good stability**
The LCD monitor has been designed with solidity, being housed in a compact metal construction with a toughened glass protection screen.



6.5" LCD HEAD MONITOR

29LM065E61MY/1

DATASHEET

Electrical Description		Mechanical Description	
TFT Characteristics:	Type:	AM Colour TFT	Dimensions: Monitor: 192 x 147 x 66mm Weight: 1.5kg approx
	Max Resolution:	640 x 480 pixels	Input: 15D
Active Display Area:	134.5 x 101.4 mm	Housing: Painted steel	User Controls: At rear
Contrast Ratio:	300:1 typical	On Screen buttons: Frequency, clock, phase, H & V centring and, brightness	
Brightness:	400cd/m ² typical		
Viewing Angles (at CR>10):	55° left, 55° Right, 60° Up, 30° Down		
Backlight Life:	40,000 hours typical		
No. Colours:	256k		
Video Signal:	Analog RGB 0.7-1.0Vp-p		
Signal Sync:	Separate H & V (+/ve) TTL		
Synchronisation Range:	Horizontal scan: 30 to 50kHz Vertical scan: 50 to 70Hz		
Display modes:	VESA Support: 640 x 480 VGA (recommended)		
Power Supply:	12.0Vdc		
Power Consumption:	15W (Max)	Part Numbers:	
Environmental:	Storage Temp: -20 to 60°C Operating Temp: 0 to 50°C	Partner Number:	29LM065E61MY/1
		AC Power Pack:	20BK0220
		Resistive touch screen via RS232: (or USB option)	29LM065ER61MY/1

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trademarks acknowledged.

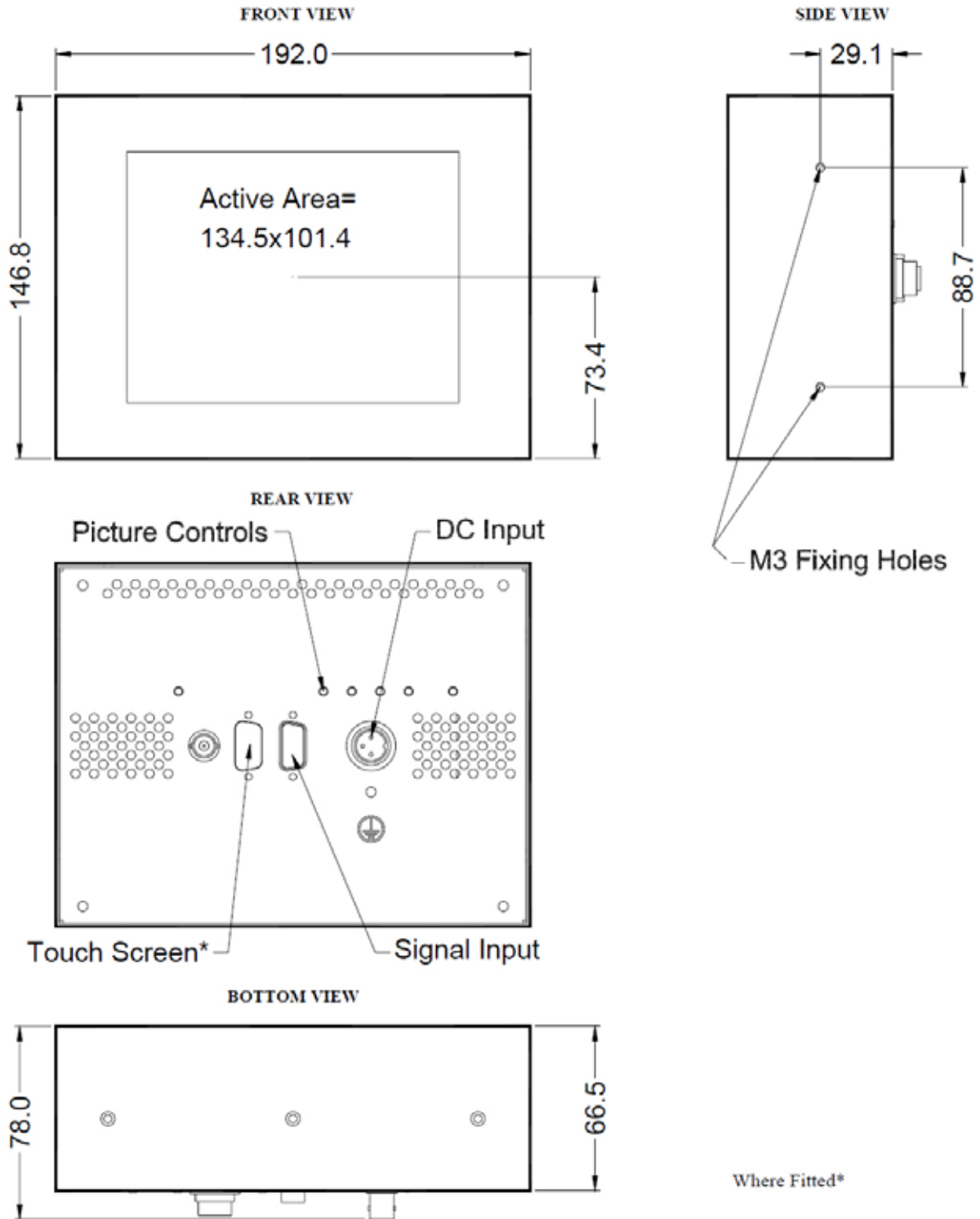
KENT MODULAR ELECTRONICS LTD
 621 Maidstone Road
 Rochester, Kent ME1 3QJ
 T: +44 (0)1634 830123 F: +44 (0)1634 830619
 E: sales@kme.co.uk W: www.kme.co.uk



6.5" LCD HEAD MONITOR

29LM065E61MY/1

DATASHEET



Where Fitted*

All dimensions in millimetres
(Not to scale)

KENT MODULAR ELECTRONICS LTD
621 Maidstone Road
Rochester, Kent ME1 3QJ
T: +44 (0)1634 830123 F: +44 (0)1634 830619
E: sales@kme.co.uk W: www.kme.co.uk

