

FLAT PANEL MONITORS

29LM065(31M) SERIES

6.5" LCD MONITOR HEADS

DISPLAY

Type:	AM Colour TFT
No. Colours:	256k
Max. Resolution:	640 x 480 pixels
Active Display Area:	134.5 x 101.4 mm
Backlight:	Dual edge CFL x 2
Backlight Life:	25,000 hours typical
Brightness:	200cd/m ²
Viewing Angles:	50° Left, 50° Right 35° Up, 45° Down
Contrast Ratio:	150:1

SIGNAL INPUTS

RGB Signal:	Analog 0.7Vp-p
Input Connector:	15-pin HD Female
Sync Type/Level:	Separate H&V (+ve)

Resolution:	640 x 480 pixel
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Horizontal Scan:	30-36.7kHz
Vertical Scan:	59-72Hz
Clock Rate:	28.5MHz

CONTROLS

Installation:	Pushbuttons at rear controlling OSD
OSD Functions:	Frequency, clock, phase, H & V centering and, brightness
Setting Memory:	EEPROM

POWER

Supply Volts:	9 – 30Vdc
Input Connector	15W max.
Power Consumption	3-pin DIN

PHYSICAL / ENVIRONMENTAL

Dimension (approx):	191 x 146 x 54 mm
Weight (approx):	1.5kg.
Housing:	Painted steel (Storm Grey)
Operating Temp:	0 to 50° C
Storage Temp:	-20 to 60° C
EMC:	CE Marked

PART NUMBERS

Standard model:	29LM065D31M
AC Power pack	20BK0234H
Touchscreen model: (Resistive)	29LM065DR31M

Compact VGA Displays



- **Ready-to-use Display Head**
- **High brightness & long life TFT panel**
- **Fully VGA (640 x 480 pixels) compatible - no separate graphics boards required**
- **Metal cased construction for maximum durability and good EMC**
- **9-30Vdc (unregulated) operation at low power**
- **Resistive touchscreen option**
- **Rear Exiting Connections for tight-space mounting**

The **29LM065(31M)** 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 **29LM065(31M)** Series of LCD monitors utilise the latest 6.4" VGA TFT Flat Panels.

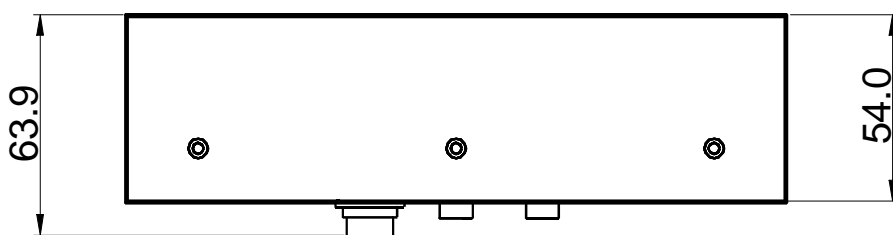
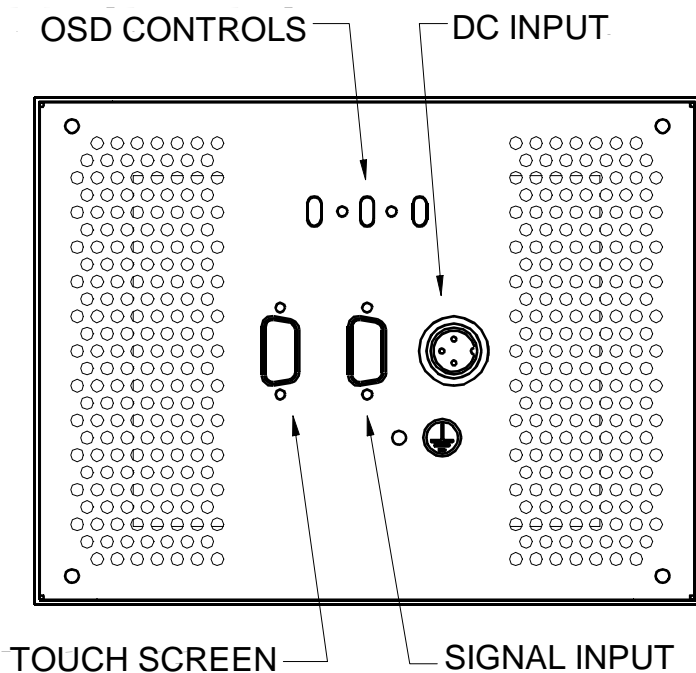
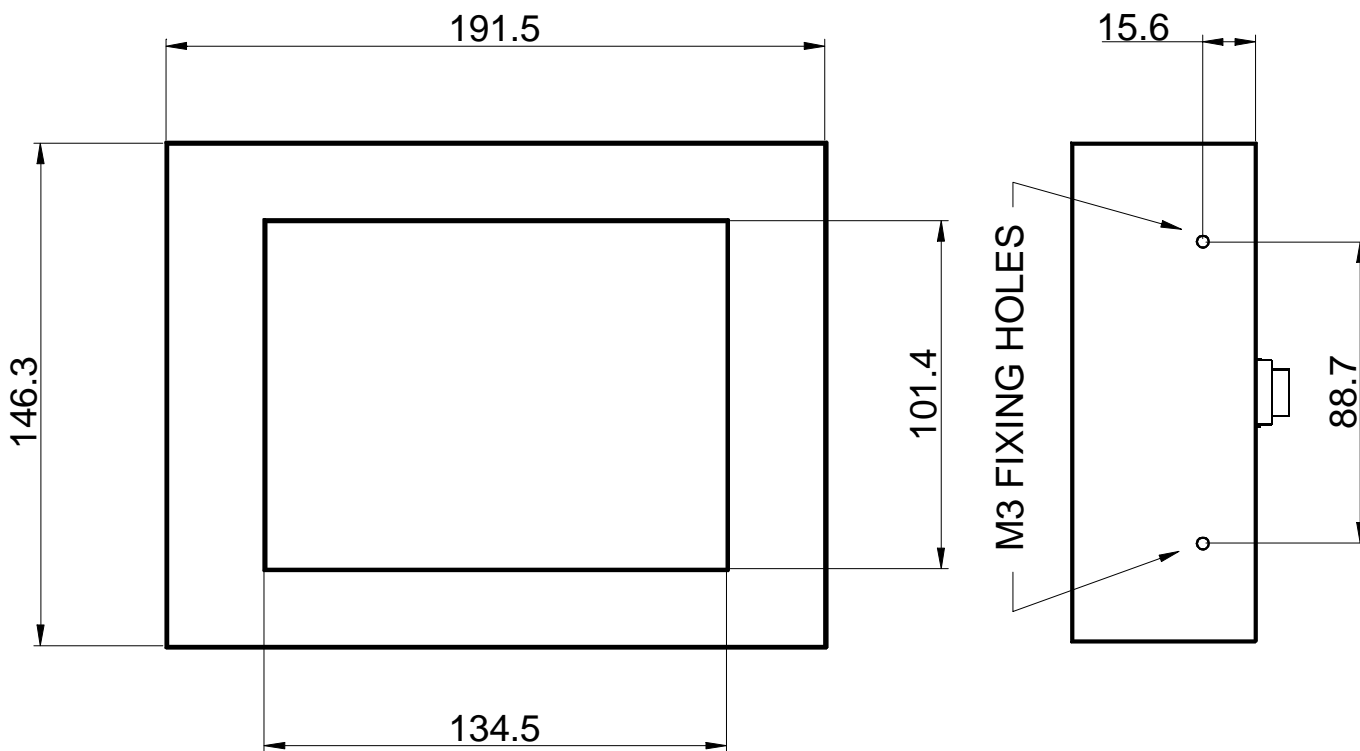
KME has added a versatile Analog-Digital interface board with DC/DC converter, backlight inverter and OSD controls. All elements, including a laminated glass protective screen filter, have been packaged in a compact, rugged metal housing. The result is a flexible Display Head, ready for integration as part of any system; as an analog monitor, or a touchscreen driven human-machine interface.

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged. 29lm065(31m)1 09/2004



29LM065(31M) SERIES

6.5" TFT MONITOR



All dimensions in millimetres
(Not to scale)

29lm065(31m)2 08/2004

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