

FLAT PANEL MONITORS

29LS065(31M) SERIES

6.5" LCD CHASSIS MONITORS

DISPLAY

Type:	AM Colour TFT
No. Colours:	256k
Resolution:	640 x 480 pixels
Active Display Area:	139.7 x 106.7mm
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
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 centring and brightness
Setting Memory:	EEPROM

POWER

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

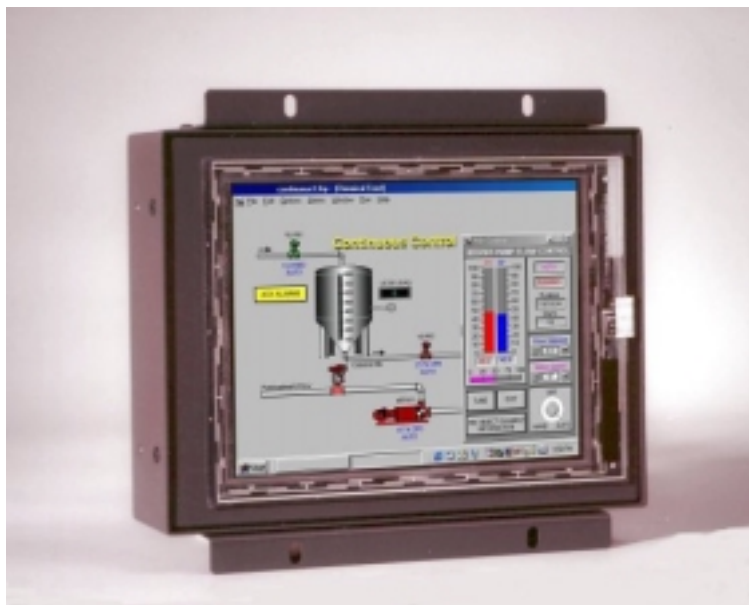
PHYSICAL / ENVIRONMENTAL

Dimension (approx):	189 x 170 x 52 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:	29LS065D31M
AC Power pack	20BK0234H
Touchscreen model: (Resistive)	29LS065DR31M

Compact VGA Displays



- **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 (as photograph)**
- **Rear Exiting Connections for tight-space mounting**
- **CE Marked for mounting to front panels**

The **29LS065(31M)** Series of LCD monitors has been designed for the OEM / System Builder who must integrate a compact VGA colour display into limited space.

A strong metal housing encloses all signal and power electronics. An integral DC-DC converter allows a wide range of input volts, from 9 to 30Vdc. (5Vdc is an available option) Adjustable fixing brackets, at top/bottom or on each side, enable a secure fit to the customer's front plate.

EMC considerations include the use of a metal shield over the front of the TFT panel borders, greatly reducing this source of radiation.

The A/D board has been designed to accept a wide range of signal timings around the VGA standard. Set-up controls for fine tuning of the display are located at the rear of the monitor. Once set, no further adjustments should be required, and the last setting is stored in memory.

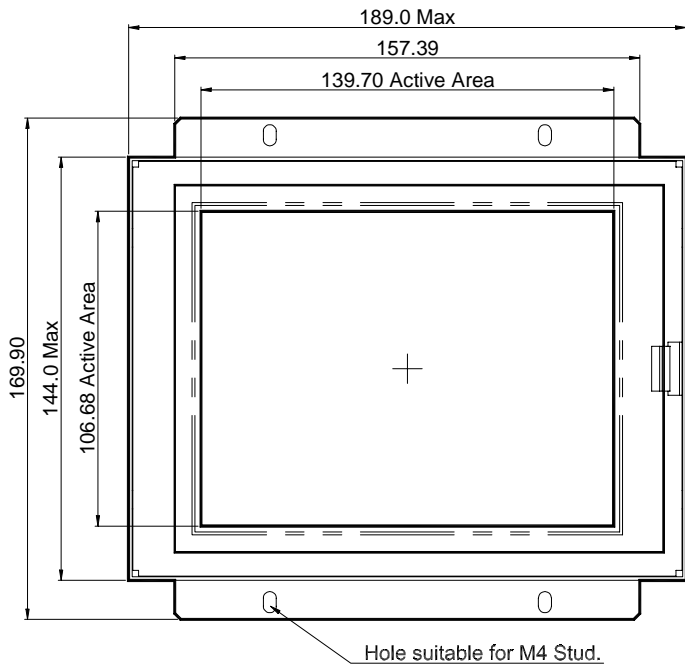
Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged. 29ls065(31m)1 08/2004



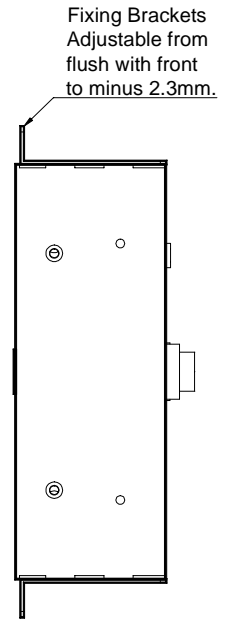
29LS065(31M) SERIES

6.5" VGA CHASSIS MONITORS

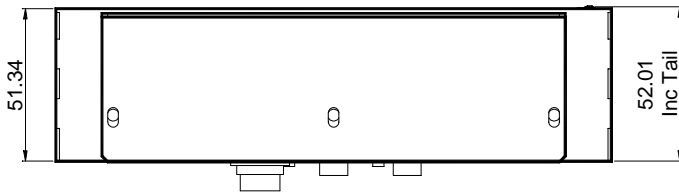
FRONT VIEW



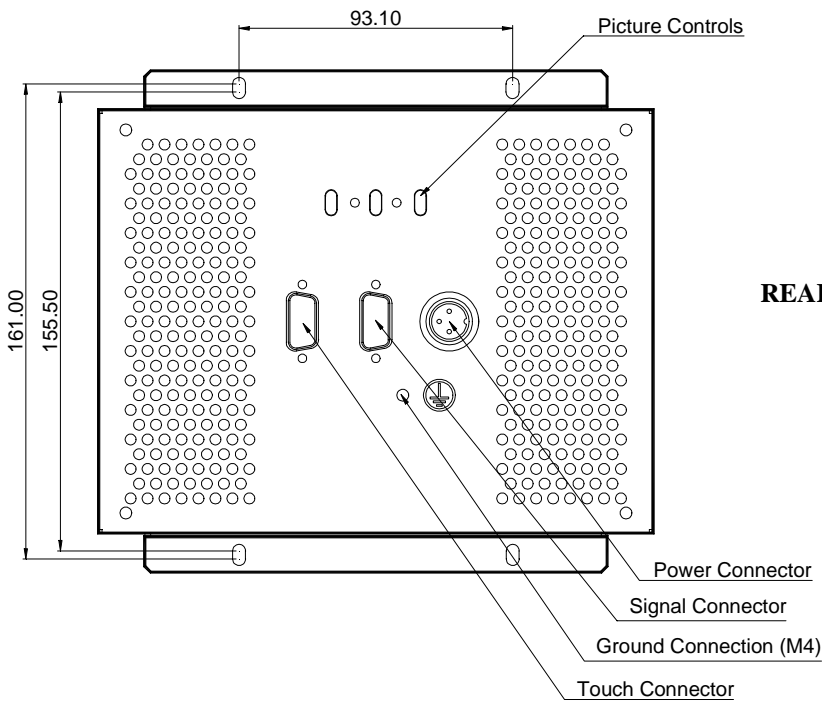
SIDE VIEW



BOTTOM VIEW



REAR VIEW



All dimensions in millimetres
(Not to scale)

29ls065(31m)2 08/2004

Kent Modular Electronics Limited

611 Maidstone Road, Rochester, Kent ME1 3QL, UK
Tel: +44 (0) 1634 830123 Fax: +44 (0) 1634 830619
E-mail: sales@kme.co.uk URL: <http://www.kme.co.uk>