

29LK SERIES TFT-FOR-CRT KIT MONITORS

CRT MONITOR REPLACEMENTS

The 29LK series of Industrial LCD monitors are offered in KIT form for Price-sensitive applications. They use the same electronics as the 29LW series and are intended primarily for replacement of CRT monitors within Monitoring & Control systems.

The TFT panel is securely fixed on one side of the metal mounting plate. The XP5.7 board and Backlight Inverter are fixed to the rear. The OSD control buttons are on the A-D board. This is a simple construction and no effort has been made to improve EMC performance.

The TFT panel and the boards are easily demounted from the metal plate for installation as required. Some plates have fixing holes that are identical to the pitch of those found on CRTs, so the 29LK series may be used in place of the CRT (a low cost version of KME's 29LV series).

The kits require 12Vdc via a 2.1mm concentric connector. These are standard on all External Power Supplies used in the computer market. (Part Nos of KME Power Supplies are listed below). The boards have only 1 connector – 15DSUBMIN. (Standard Adapter cables for RCA or 9D inputs are listed below)

SOLUTIONS FOR CRT REPLACEMENTS

- > 100% Open-Frame for Minimum Cost
- > Programmable for Legacy signals
- > Performance Specs. As per 29LW series
- > 15.6kHz, CGA & EGA compatible
- > 12V operation (90 - 260V AC via separate Power Pack)
- > 24Vdc option by special order
- > On Board OSD Controls (remote option)
- > Suitable for both Mono. & Colour CRT Replacement
- > Mono. 10-Way Edge Connector facility



TFT PANEL	KIT PART NO.	POWER SUPPLY PART NO	PLATE FIXING HOLES
8.4"	29LK081E71UN/1	31PR0072-12/1	For 10" CRT
10.4"	29LK101E71UN/2	31PR0072-12/1	For 12" CRT
12.1"	29LK121E71UN/1	31PR0072-12/1	For 14" CRT
15.0"	29LK151E71UN/1	31PR0317P	For 17" CRT
CABLE TYPE	PART NO.		USE
5 x BNC Jack Connectors to 15D	31PH1240		Analog video
9D to 15D (3 Bit or 6 Bit TTL)	30PH1224		TTL video & EGA
9D to 15D (4 Bit TTL)	30PH1241		CGA
10-way ribbon to 9D	30PH1244		KME CRT

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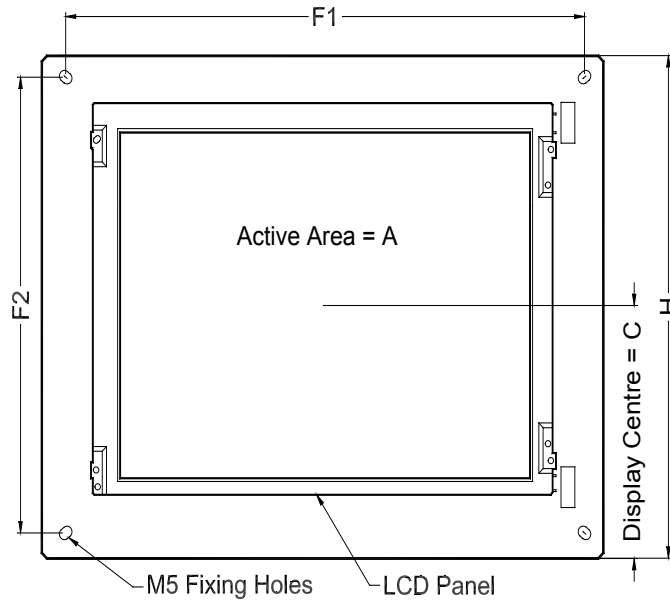
KENT MODULAR ELECTRONICS LTD
 621 Maidstone Road
 Rochester, Kent ME1 3QJ
 T: +44 (0)1634 830123 F: +44 (0)1634 830619
 E: sales@kme.co.uk W: www.kme.co.uk



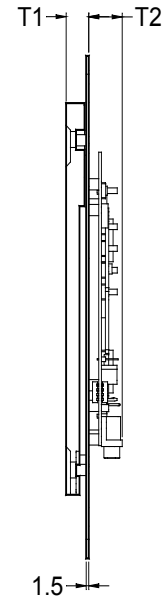
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DATASHEET

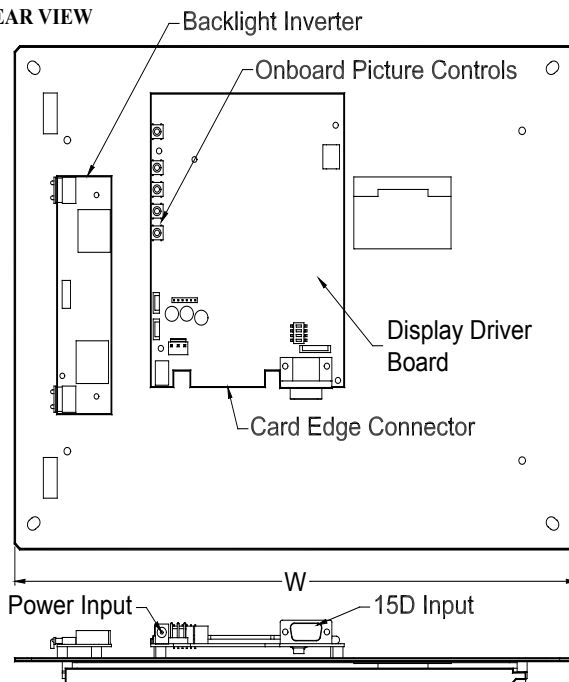
FRONT VIEW



SIDE VIEW



REAR VIEW



TFT Panel	8.4"	10.4"	12.1"	15.0"
A	170x127	214x161	246x184	304x228
F1	228.1	272.0	311.4	366.9
F2	176.4	211.8	243.2	291.6
W	249.0	288.8	337.0	393.6
H	192.4	228.2	268.2	316.8
C	96.2	114.1	135.0	159.4
T1	16.3	16.9	13.5	20.9
T2	20.1	20.1	20.1	20.1

All dimensions in millimetres
(Not to scale)

BOTTOM VIEW

Note: 15D Connector. The metal plate is intended primarily as an aid to test and transportation, to be disposed of on disassembly of the Kit. If the Kit is integrated into a system, complete as supplied, then care must be taken to support the 15D Cable so that no stress is placed on the board-mounted 15D connector.