SEKAI®

VLCD-12
12" Variable Line Rate Display

Features
- 1024 x 768 Resolution
- 875-Line, 60Hz, RS-343, BNC Input
- NTSC & PAL Composite Video BNC Input
- LED Backlighting for high bright display
- Wide Viewing Angle
- Anti-Reflective Coating
- Front Panel ON/OFF & Brightness Controls
- Front Panel OSD Controls
- 110-220 VAC Universal Power Supply
- Also available in sizes from 5.7" to 17.0"+

Options
- VGA Input (DB-15 Connector)
- External Sync Inputs
- 19" Rack Mount Kit (VRAK-12, see drawing)
- 12 VDC and 28 VDC Power Input
- LCD protections available

VLCD-12 w/ VRAK-12 Option

General Description

The VLCD Series is the LCD based replacement for the out-of-production VEM Series High Resolution Monochrome Variable Line Rate Video Monitor. The VLCD-12 is a 12" variable line rate (muti-sync) video monitor, and like the VEM-124, will display high resolution 875-line signals, not only in monochrome, but color as well. The NTSC/PAL composite video input signals may also be displayed in monochrome or color.

Designed for use in a lab or ground benign environment, the latest TFT technology with LED backlighting, provides high-resolution monochrome and color images with high brightness. Convenient front panel ON/OFF and Brightness controls, along with the on-screen display (OSD) menu controls, provides for complete control of all monitor functions, in addition to user configurable hot keys. A full line of accessories and options are available, including 19" rack mount kits.

Video Specifications

Display Type:	TFT Active Matrix LCD
Resolution:	1024 x 768 pixels
Luminance:	1000 cd/m^2 (typical)
Contrast Ratio:	600:1 (typical)
Viewing Angle (H):	+80°/-80°
Viewing Angle (V):	-80°/+60°

General Specifications

Controls:	On-screen menus, buttons
Power Requirements:	25W (typical)
Storage Temperature:	-30°C to +80°C
Operating Temperature:	-30°C to +80°C
Dimensions:	12.0 (W) x 10.5 (H) x 3.8 (D) Inches
Weight:	4 lbs. (typical)

ISOMETRIC VIEW

ISOMETRIC VIEW

OPTIONAL MOUNTING BRACKETS SHOWN

REV	BY	DESCRIPTION	DATE	APPROVED
A	IG	PRODUCTION RELEASE	7/28/11	XX

REVISION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
X = ±.030
XX = ±.015
XXX = ±.005
ANGLES = ±1°
DO NOT SCALE DRAWING

CAD DRAWING
DO NOT MANUALLY UPDATE

DRAWN K. ISA DATE 7/28/11
CHECKED
DESIGN
MATL
FINISH
HEAT TREAT
FINAL
FINAL
NEXT ASSY DWG NEXT ASSY DWG
APPLICATION

SEKAI® ELECTRONICS INC.

VLCD-12 MONITOR

SIZE D | CAGE CODE 8V398 | DWG. NO. XXXXXX-XX | REV A
SCALE: 2X | SHEET 1 OF 1