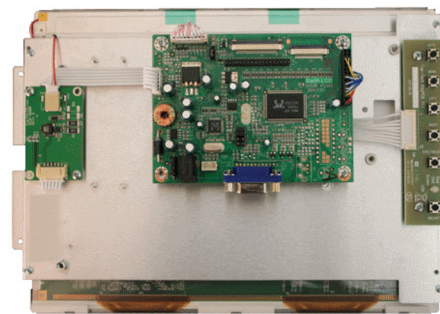# EARTHLCD.COM
We Make LCDs Work™

OF-10.4-M5

Open Frame LCD Monitors are the easiest way to integrate (or upgrade) a state of the art TFT LCD Monitor into your project.

The unit comes completely assembled with a color TFT LCD, controller board (HDMI, VGA and NTSC/PAL video inputs), on-system display button board, backlight driver board, integrated with a sheet metal bracket and ready for installation.

Earth Computer Technologies, Inc is a maker of industrial LCDs and embedded products including the award winning ezLCD technology from EarthLCD, the recognized leader in smart touch LCDs.

10.4″ Open Frame LCD Monitor

Commercial and industrial applications include: ATM machines, industrial equipment, instrumentation, kiosks, military, medical, arcade games, marine, security, test equipment, gaming, or any application requiring a color LCD display providing a VGA image.
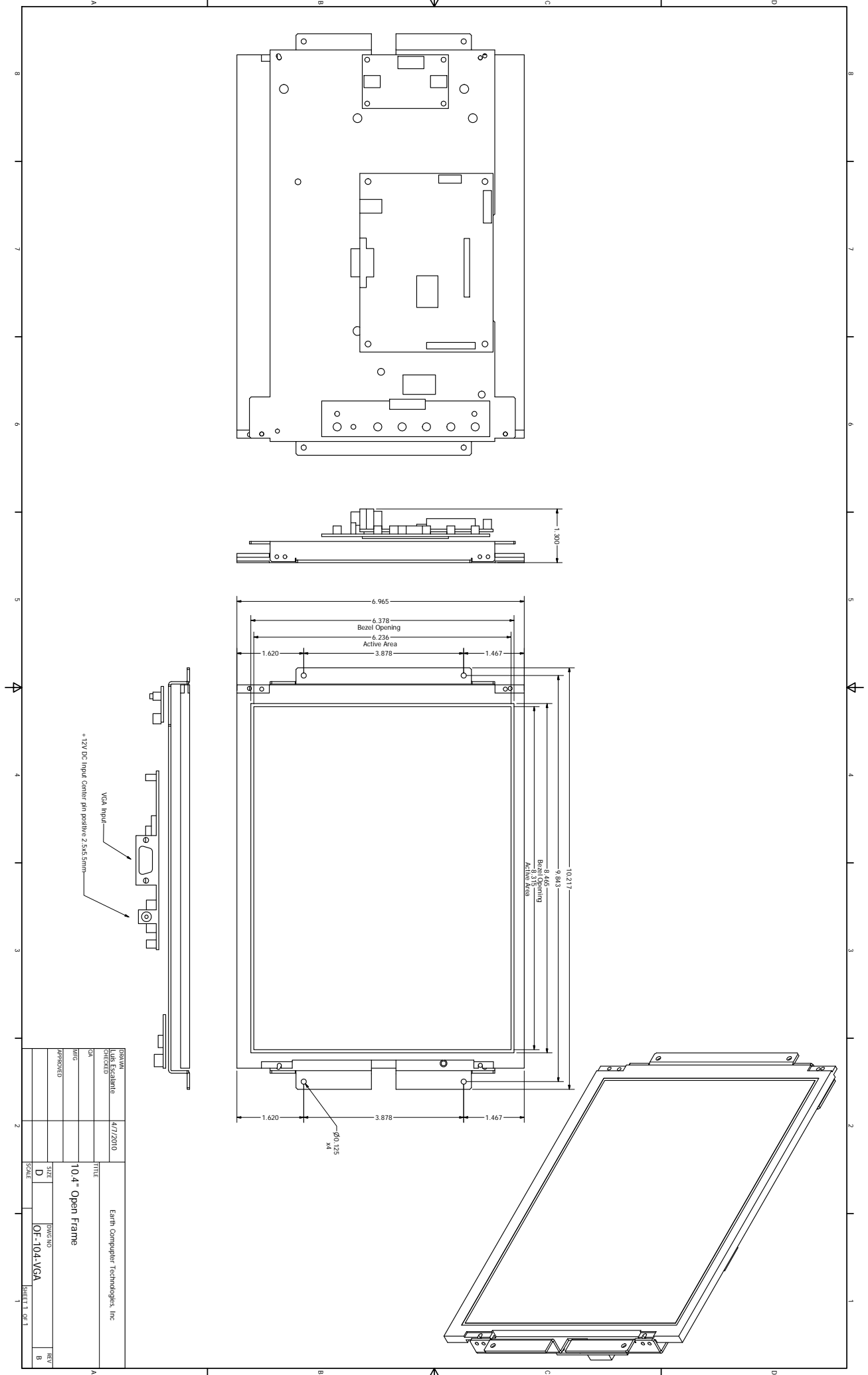
Features:
• 10.4" SVGA LCD panel with LED backlight
• HDMI, VGA and NTSC/PAL video inputs
• Commercial and industrial applications
• -20°C ~ +70°C operating temperature range
• High contrast ratio: 400:1 typical
• 400 cd/m2 brightness typical
• 20,000 hours LED life typical
• OSD Controls: contrast, phase, clock, color, H&V position, auto-tune, recall
• +12 volt power

Options (sold separately):
• AC/DC 12V power adapter, universal 100-240 volts
• Combo USB or RS232 four wire resistive touchscreen

Product Specifications:

Screen Size (Diagonal): 10.4"
Display Technology: TFT
Resolution: 800 x 600 (SVGA)
Brightness: 400 Nits
Interface Input Modes: VGA
Colors: 262,144
Active Area (mm): 211.20 x 158.4
Contrast Ratio: 400:1
Horizontal Viewing Angle: 65° L/R
Vertical Viewing Angle: 45° U / 65° D
Operating Temperature: -20°C to 70°C
Storage Temperature: -30°C to 80°C
Input Voltage: +12V DC
Power Consumption: 510 mA
Display Backlight: LED
RoHS Compliant: Yes
Outline Dimensions (mm):
   236 (W) x 176.9 (H) x 5.6 (D)
Outline Dimensions (in): 9.29 x 6.96
Cable Sold Separately
Touch Screen Available: Yes
Industrial Enclosure Available: Yes

Earth Computer Technologies, Inc - 16540 Aston - Ste B - Irvine, CA 92606

+12V DC Input Center pin positive 2.5x5.5mm

VGA Input

6.965

6.378
Bezel Opening

6.236
Active Area

1.620   3.878   1.467

1.300

10.217
9.843
8.465
Bezel Opening
8.315
Active Area

1.620   3.878   1.467

Ø0.125
X4

DRAWN	Luis Escalante	4/7/2010
CHECKED		
QA		
MFG		
APPROVED		

Earth Computer Technologies, Inc

TITLE
10.4" Open Frame

SIZE D

DWG NO
OF-104-VGA

REV B

SCALE

SHEET 1 OF 1