OEM TFT LCD TOUCH MONITORS – 12.1” & 15”

The Sanyo LMU-TK12AT and LMU-TK15AT were designed from scratch to serve interactive, kiosk, multimedia and EPOS applications, along with industrial control and SCADA use. The 12” SVGA monitor in particular is popular with industrial computer users, because of the quality of the display and the compactness of its mechanical design, and is already selected for use in applications as diverse as mixing desks and industrial control panels. The 12” SVGA monitor is perfect for EPOS use as well, due to its compact size and sensitive but durable touchscreen.

Features:
- High quality TFT LCD – 12” 200cd, 800x600 resolution.
- Long-life backlights – 20,000 hours.
- VESA-committee-recommended mounting provision for easy implementation.
- 12” has SVGA resolution and Sanyo’s Digital Image Smoothing for excellent full-screen expansion from VGA.
- Easy to use OSD and set-up utility, with detachable buttons.
- Resitive touch resulting in cost efficient, fast-response touch.
- Separate mains PSU 110-250v.
- Touch drivers for Win 98, Win 95, Win 3.1, Win NT4 & MS-DOS as standard.

Additional features:
- Adjustable deskstand included in package.
Specification

LCD type: a-Si TFT active matrix LCD
Display area: 246 (W) x 184 (H) mm
Maximum No of pixels: 800 x 600
Overall size: 295 x 233 x 42 mm
Display Colours: 256k
Pixel pitch: 0.30 (H) x 0.30 (V) mm
Contrast ratio: 150:1 (typical)
Viewing angle: Horizontal 120°C left/right
Touch type: Resistive
LCD Response time: 50ms typical
Brightness: 200 cd/m²
Back-light: Cold cathode fluorescent lamps, 20k hours life

Operational

Display resolution: 640 x 480 to 800 x 600 for full screen, auto scaling
Video signal: Analog RGB 0.7 p-p, Impedance 75 Ohms separate sync, VGA cable supplied
Vertical frequency: 50 to 75 Hz
Touch resolution: 1024 x 1024 points
Touch response: 15ms
Touch communications: Serial RS232C
Inputs: RGB, H sync, V sync
OSD: On screen Display (Menu system for monitor set up)
Sync: Auto sync

System requirements

Power supply: 100V to 240V mains psu supplied. Output 12.0V
Power consumption: Operating 20W (typical). 5 watts in standby. DPMS provided
Weight: 2 KGs (approx)

Environmental

Operational temperature: 5°C to 40°C
Temperature storage: -20°C to + 60°C
Humidity: 30 to 85% RH operating, non-condensing
MTBF LCD backlight: 20,000 hours
MTBF unit: 200,000 hours not including backlight
Touch: 20 million touches

Mechanical

Material: Moulded plastic bezel with sealing, metal housing.
Touch chemical resistance: Resistant to most solvents, oils and cleaning materials.
Touch mechanical resistance: Resistant to scratches and impacts except in extreme circumstances.
Mounting: 4 M4 threaded inserts on back.
Controls: User programmable settings via remote wired control buttons.
Set up: Via user friendly OSD menu and set-up utility on diskette.

Also in the range:

LMU-TK15AT 15" with capacitive touch
LMU-TK18AT 18" with capacitive touch (Q3 99)

Please note: Trident checks all published information but cannot accept responsibility for errors or improvements.