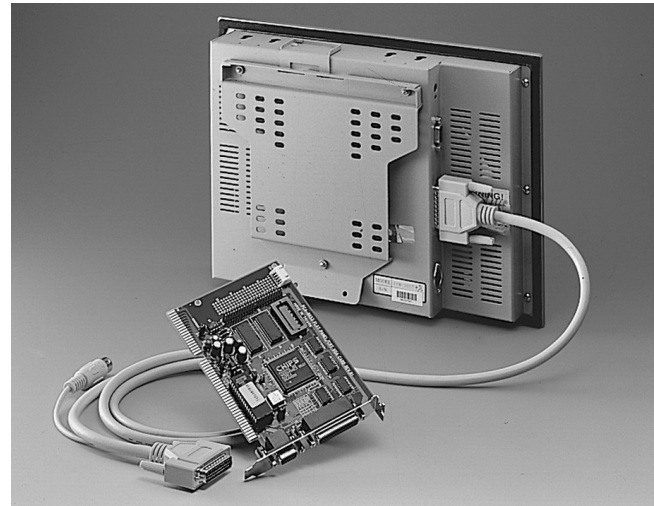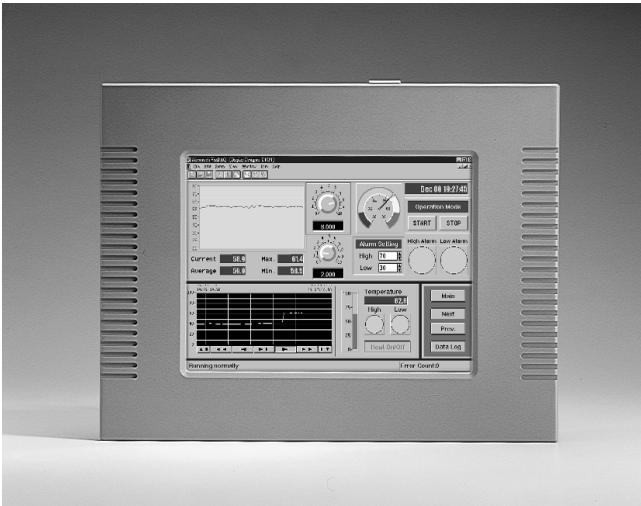# FPM-30

Industrial 10.4" Flat Panel Monitor with TTL Port

Introduction

The FPM-30 series is flat panel monitors with 10.4" color TFT/DSTN LCDs. Being less than 2" in depth, the FPM-30 saves space and is light enough to fit almost anywhere. Equipped with an optional touchscreen, the FPM-30 can even be used as a remote display or controller for applications. Each model comes with a 1.8 m cable, optional 4.5 m and 10 m cables are available for extended display needs.

Specifications

- **Front Panel:** aluminium panel meets NEMA4/IP 65
- **Mounting:** panel or wallmount
- **Dimensions (W x H x D):** 330 x 242 x 50 mm (13" x 9.5" x 2")
- **Gross Weight:** 5.4 kg (12 lbs)
- **Display Interface:** TTL
- **Display Card:** PCA-6653, ISA Bus
- **Touchscreen (optional):** analog resistive type

LCD Display

Display type	TFT LCD
Display size	10.4"
Max. colors	262 K
Max. resolution	640 x 480
View angle	90°
Luminance	250 cd/m^2
Backlight lifetime	50,000 hrs

Video Display Card

- **Model:** PCA-6653
- **Board:** 16-bit ISA-bus, half-size
- **Video Chip:** CHIPS 65545
- **Memory:** 1 MB on board, frame buffer 512 KB (optional)
- **Max. Resolution:** 1024 x 768 for both flat panel and CRT displays
- **Connectors:** One DB-44 connector for flat panel display
  One DB-15 connector for CRT
- **Simultaneous CRT/LCD Display:** available with TFT, B/W LCD
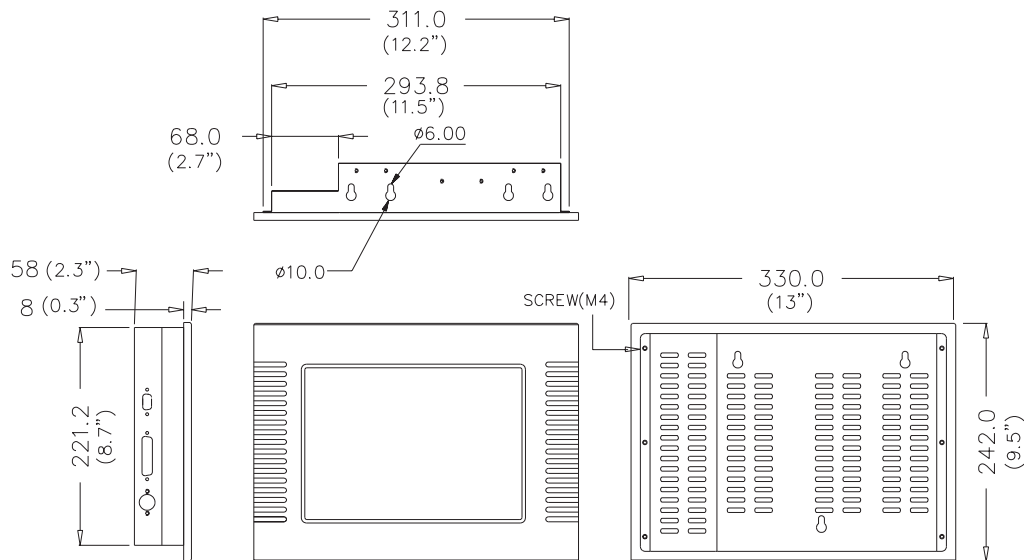- **Power Consumption:** +5 V @ 1 A, max.

Touchscreen (optional)

- **Type:** analog resistive
- **Resolution:** transmission @ 75%
- **Controller:** RS-232 interface
- **Power Consumption:** +5 V @ 200 mA
- **Software Drivers:** DOS and Windows supported
- **Life Cycle:** 30 million touches
- **Surface:** meets ASTM-D-1044 standard (taber abrasion test)

Dimensions

Unit: mm (inch)

311.0 (12.2")

293.8 (11.5")

68.0 (2.7")

ø6.00

ø10.0

58 (2.3")

8 (0.3")

221.2 (8.7")

SCREW(M4)

330.0 (13")

242.0 (9.5")

Cut-out dimension: 305 mm x 230 mm (12" x 9")

Ordering Information

❑ **FPM-30CT**
  10.4" TFT LCD, ISA VGA card & 1.8 m cable

❑ **FPM-30CT-T**
  FPM-30CT with resistive touchscreen (RS-232 interface)

Accessories

❑ **9689000355**   RS-232/485 converter for T/S (USA)
❑ **9689000356**   RS-232/485 converter for T/S (UK)
❑ **9689000357**   RS-232/485 converter for T/S (FR)
❑ **1700090000**   10 M cable for T/S
❑ **1700090001**   4.5 M cable for T/S
❑ **1700090002**   3 M cable for T/S