



# Dano MO22A-301

## 22-inch LCD Touch Monitor

Ultra-slim display for both performance and style

### Slim while Brilliant

- 1680 x 1050 WSXGA+ 16:10
- Resistive, Capacitive touch screen, or 3mm tempered glass options
- Modular architecture for efficient chassis integration
- Truly designed for touch
- One-touch auto adjustment
- Versatile mounting brackets

## Technical Specifications

### Connections & Controls

Input Connection	DC in Jack x 1, VGA 15-pin D-Sub x 1, Audio stereo mini jack x 1
Touchscreen	Serial: Female DB9
Interface Options	USB: P&P installation; Hot plugging
Plug & Play	VESA DDC 1 & 2B
OSD User's Controls	Auto Adjust, Brightness, Contrast, Colour Temperature, R/G/B-Gain, H/V-position, Phase, Clock, Language, Input Signal Selection, OSD Setup, Volume Adjust, Recall
Language Support	English, French, German, Spanish, Italian, Japanese, Chinese
Optional Equipments	DVI: TMDS signaling, DVI-D 24-pin AV: Composite (RCA); S-Video; HDMI
Multimedia	Active Speaker (2watt RMS x2 / 30-20KHz)
Control Buttons	Power on/off, Auto Adjust, Select/Menu, Up/Mute, Down/Volume

### Touchscreen

Type	5-Wire Resistive / Surface Capacitive
Thickness	3mm
Resolution	Continuous
Light Transmission	≥ 80% / ≥ 93%
Controller Interface	RS-232 or USB
Power Consumption	+5V @200mA
Lifetime (finger)	Over 35 million / 300 million times
Drivers Support	DOS, Linux, Windows® 95 / 98 / NT / ME / 2000 / XP / Windows® 7

### LCD Display

Size/Type	22" Active Matrix TFT LCD
Native	1680 x 1050 (WSXGA+)
Resolution	(aspect ratio: 16:10 Wide)
Display Colors	16.7M true colours
Pixel Pitch	0.282 x 0.282mm
Luminance	300 nit (cd/m <sup>2</sup> ) typical
Contrast Ratio	1000 : 1
Display Area	473.76 x 296.10mm
Response Time	5ms
Viewing Angle	80/80/85/85 (U/D/L/R)

### Power

AC Input	Universal 90 - 264 V, 50/60 Hz
Consumption	< 42W (on); < 5W (power saving)
Management	EPA/Energy Star; VESA DPMS

### Mechanical & Environmental

Operating Temp.	0 - 45°C (32 - 113°F)
Storage Temp.	-20 - 60°C (-4 - 140°F)
Operating Humidity	8 - 80% (non-condensing)
Storage Humidity	8 - 90% (non-condensing)
Mounting Interface	VESA mount 100mm <sup>††</sup>
Stand Tilt	35° / 10° (up/down)
EMI/EMC	CE, FCC class B, CCC
Dimension (WxHxD)	Physical: 517 x 344 x 170mm Packing: 580 x 550 x 195mm
Weight (Net)	Gross: 7.9 Kg (17.4 lb) Net: 6.4 Kg (14.1 lb)

<sup>††</sup> Wall mount arm and bracket not included.

The X series sets monitor specifications that are designed, developed and built to provide the most cost-effective touch solutions. Aimed at the fast-changing retail POS and hospitality markets, they provide reliable, and durable operation. By featuring five-wire resistive technology, the most widely used for retail applications and proven to survive splashing liquids, food and grease; plus the friendly OSD and multi-language support, users can freely operate the series of products without struggling. Additional applications well suited to take advantage of monitor's features include point-of-sale (POS), point-of-information (POI), point-of-service, interactive digital signage, loyalty systems, kiosk information systems, light industrial shop-floor automation and home control.



### Unmatched Durability, Reliability, & Performance

- ▶ Big 22" professional monitor with WSXGA+ resolution delivers superior contrast for photo realistic images with unrivaled clarity and vivid colour.
- ▶ Truly "designed for touch" ensures reliability under the heavy usage experienced by the most successful touch-based systems.
- ▶ Factory-sealed touchscreen provides unsurpassed performance, and reliable, durable operation for the retail POS, industrial, medical, and transportation applications.
- ▶ Five-wire resistive touchscreen survives splashing liquids, food and grease. Touch the screen with a finger, gloved hand, fingernail, or object such as a credit card, and you'll receive a fast, accurate response every time.
- ▶ The optional magnetic stripe reader (MSR) is easily installed, providing an elegant, integrated solution.
- ▶ With its optional input of digital visual interface (DVI) delivers a clearer, crisper, distortion-free images all the way from PC.
- ▶ Sophisticated OSD design makes adjusting display settings a snap.

### Elegant, exquisite and ultra-slim

#### Sleek, elegant, friendly design

- ▶ Ultra slim form factor delivers an elegant style, on its minimal physical footprint.
- ▶ Special base design allows the tilt of panel for the best viewing comfort, and flexibility of touch operation.
- ▶ Panel can be removed from its stand and placed on wall, or VESA compatible mounting arm.
- ▶ The monitor is extremely light in weight for easy portability.
- ▶ Alternative photo-frame base, or reinforced stand gets screen an even stabler position for sustaining touch strength.

