DanoTech MO42C-401

42-inch Large Format Touch Display

Professional industrial display for both performace and reliability

The 42-inch unique large-format, interactive display is designed to enhance the touch experience, built to last in public access environments, it offers much more reliable and durable operation. By featuring the most advanced LED flat-panel display, it displays a full HD resolution with all vital capabilities for a perfect display, while under the best engery-efficiency. Its infrared touchscreen deploys optical sensor technology for applications in harsh or glass-free environments. Featuring a low profile with nearly pixel-level touch resolution & no parallax, the display provides stable, drift-free operation while delivering an extremely sensitive, accurate touch response with no touch activation force required. It is not only attractive, but rugged enough to withstand the constant interactivity inherent in public access venues, such as retails, self-service, hospitality, transportation, education, and healthcare.

Specification

Display Features

Screen Size / Pixel Pitch	42" diagonal Active Matrix TFT LCD Panel, 0.4845mm Pixel Pitch, Anti-Reflection, Anti-Glare, 3H Hard Coating
Native Resolution	1920 x 1080 (FHD)
Display Area (HxV)	930.24 x 523.26 mm (aspect ratio 16:9)
Display Colour Depth	16.7 million true colours (8-bit)
Contrast Ratio	4000 : 1 (Typical) [†]
Average Surface Brightness	400 nit (cd/m^2) Brightness (Typical) [†]
Viewing Angle (CR≥10)	89°/89° (U/D) ; 89°/89° (R/L) Typical
Response Time (G-G)	6.5ms (Typical) [†]
Backlight Unit	CCFL/LED edge-light
Scanning Characteristics	Horizontal — 30–83KHz (HDMI) Vertical — 56–75Hz
Analog Input	RGB Video — Analog (0.7 Vp-p/75 Ohms) Sync Signal — Separate Sync, TTL level, H/V Sync

Picture

Picture Mode	Standard / Dynamic / Mild / User
Screen Mode Swap	Auto / 4:3 / 16:9 / Zoom1 / Zoom2 / Just Scan / Panorama
PIP/PBP	Yes
Power Source	Universal AC 90 - 264 V, 50/60 Hz (automatic)

Touch Infrared

Touch Activation Force	No minimum force required
Input Method	Finger, gloved hand or stylus
Light Transmission	≥ 92%
Minimum Touch Object	5mm
Touch Point Density	4096 x 4096
Controller Interface	USB 2.0 HID

Sound System (optional)

Audio Output Power (RMS)	2 x 10 Watt
Sound Mode	Standard / Dynamic / Soft / User
Audio Controls	Bass, Treble, Balance, Auto, SPDIF
Speaker Type	Built in, invisible

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I/O Connections	
HDMI Input	2x
VGA Input	D-sub 15-pin
Video Input (optional)	1x AV (CVBS), 1x S-Video (mini-DIN 4), 2x YPbPr Component
Audio Input (optional)	2x RCA composite, 1x 3.5mm stereo miniJack
Audio Output (optional)	1x RCA composite, 1x earphone (3.5mm stereo minijack)
Media Player	1x USB (Photo/Music/Movie/Text) [††]
System Control	
User's Controls	Power on/off; Auto-adjust; Menu; Up/Left; Down/Right (functions lockable)
OSP™ (On-Screen Programmer) Screen Controls	Input Source; Picture Setting; Sound Setting; Time Setting; Option (Language; Aspect Ratio; Blue screen; Key Lock; Software Update); Screen setting (Auto, Phase, Clock, H/V-position)
Smart F/W Update	Via USB port
Remote Control	Multi-type/Infrared Rays; 2x AAA (UM-4) 1.5V battery
Sleep Timer	Set in minutes (10/20/30/60/90) or hours (3/4/5)
Plug & Play	VESA DDC 1 & 2B standards compliant
Power	
Power Source	Universal AC 90 - 264 V, 50/60 Hz (automatic)
Power Consumption	< 220 watts (on) ; < 5 watts (power saving)
Power Management	EPA / Energy Star, VESA DPMS signaling method (4-mode)
Resumption	Auto Power on after Power failure
Mechanical & Environment	
Operating Temperature	0 – 40°C (32 – 104°F)
Storage Temperature	-20 – 60°C (-4 – 140°F)
Operating Humidity	10 – 80% (non-condensing)
Mounting Interface	VESA mount 300 x 300mm [†]
Accessories	User's Manual, D-sub Cable, Power Cord, Remote Controller, Batteries
Dimension (WxHxD)	1015.8 x 608.4 x 82mm
Weight (Net)	21.2 Kg (46.7 lb)

[†] Subject to the type of panel used.   [††] With specific multimedia playback formats supported.

I/O Ports