WTD™
WORLD TRADE DISPLAY

OPEN FRAME TOUCH

GEN Series Embedded Version

worldtradedisplay.com

Your choice to discover the technologies

Wide range of innovative digital products

Increase your growth and company profit

OPEN FRAME TOUCH

GEN Series Embedded Version

	Display Size (inch)	15,6	21,5	27	32	43
Panel Specification	Display Ratio	16:9	16:9	16:9	16:9	16:9
	Active Area (H x V)(mm)	344x194	478x268	596x336	698x393	942x530
	Viewing Angle (H/ V)	178°/178°	178°/178°	178°/178°	178°/178°	178°/178°
	Brightness (cd/m2)	1000 Nits	1000 Nits	1000 Nits	1000 Nits	1000 Nits
	Contrast Ratio	800:1	1000:1	1500:1	2000:1	2000:1
	Display Resolution	1920*1080	1920*1080	1920*1080	1920*1080	1920*1080

Touch Sensor	Type/ Points	PCAP 10P	PCAP 10P	PCAP 10P	PCAP 10P	PCAP 10P
	Size	15,6"	21,5"	27"	32"	43"
	Active Area (mm)	387x236	478x268	652x393	765x460	997x590
	Total Thickness	5 mm	6 mm	6 mm	6 mm	6 mm
	Version/ Treatment	Tempered, Antivandal/ Waterproof				
	Special Treatment	AG AntiGlare				
	Interface Type	USB, (RS232)				
	Compatible O/S	Windows, Linux, Others				

Monitor Specification	Installation (VESA)	100x75	100x75	100x75	200x400	400x400
	Version/ Style	Embedded/ Outdoor				
	Interface	VGA, HDMI				
	Input Voltage	Max: 85 W/h - DC 12V -AC 100-240 V ~ (+/- 10%) 50/60 Hrz				
	Media Player	-				
	Speaker	-				
	Warranlty	2 Years				
	Certifications	CE - FCC - ROHS - Others on Demand				

PC System	CPU	-				
	RAM	-				
	SSD	-				
	Network	-				
	System O.S.	-				
	Other Function	-				

Android	O.S. Version	-				
	Processor	-				
	Media Formats	-				
	Media Resolutions	-				
	RAM	-				
	Flash	-				
	USB	-				
	LAN	-				
	Wi-Fi	-				

Environmental	Temperature (Commercial)	-				
	Temperature (Industrial)	Wide Industrial Panel: -20°+70°(Operating) / -45°C +85°C (Storage) -105TNI				
	Humidity	+20% +80% (Operating) / +10 +90% (Storage)				

Accessory	Included	Power Cable, Light Sensor, Microchip LED Temperature Sensor Control				
	Others	-				

Type of packaging	Net Weight (Kg)	4.4 Kg (1Pcs)	5.2 Kg (1Pcs)	7.1 Kg (1Pcs)	13.5 Kg (1Pcs)	18.7 Kg (1Pcs)
	Gross Weight (Kg)	5 Kg (1Pcs)	10.8 Kg (2Pcs)	7.6 Kg (1Pcs)	14 Kg (1Pcs)	19.3 Kg (1Pcs)
	Net Item Size (L x W x H mm)	404x79x254	522x77x330	658x81x400	762x91x457	1021x117x609
	Packing Size (L x W x H mm)	460x140x340	610x230x410	785x185x515	875x185x590	1140x205x630

Optional	Remark 1	
	Remark 2	

Note	The innovative GEN series already integrates its own "Cooling Fan System" managed by a Microchip and a LED display to always keep the temperature constant both on the front and on the back of the display, always offering guarantee of stable temperature operation even in extreme environments for 24 hours a day under direct sun.

MONITOR TOUCH   OPEN FRAME TOUCH   MONITOR   OPEN FRAME   TOUCH SCREEN   TOUCH TABLE   FLOOR STANDING   KIOSK   VIDEOWALL

Display & Digital Signage Solutions

INDUSTRIAL OPEN FRAME TOUCH SCREEN "GEN" SERIES by WTD

In outdoor solutions, the main consideration to be made is certainly to use a panel of absolutely "**industrial**" and not "commercial" production.
Last but not least, the type of structure that will be used remains, which must be designed in such a way that it provides a space between the panel and the touch screen,
where fresh ventilated air can flow (Frash Air). In fact, this mechanical design method will serve a lot to keep the temperature constant between the panel and the touchscreen and therefore not have the classic "**Black Screen Area**" effect.

Until today....
all the different players assembled an infinite number of parts and components together to create this type of solution, with inevitable costs of both labor and very prohibitive assembly times; without considering the multiple problems of breakage of all these different parts…
but **World Trade Display**, since 2022, has absolutely revolutionized the sector with its own exclusive project, where all these devices have been conceived in a single solution, that is with the new series of open frame touch called **GEN**,
where a special **Cooling Fan System** designed ad-hoc for each different size and already integrated inside it, it guarantees **constant temperature stability of 28/31 degrees centigrade**, thanks also to the special mechanical design of the product which provides for a special "**Air Panel-Screen Gap**"

i.e., a space between the panel and the touch screen inside where fresh ventilated air can always flow from the ventilation system, thus keeping the temperature stable also on the front of the panel (**TNI**)
considering that the heat from the outside on the touch screen is transferred to the inside on the front of the panel causing the classic and very annoying "**Black Screen**" effect.

Furthermore, **WTD** has also inserted a particular "**Microchip**" inside which automatically controls and keeps the temperature stable at the aforementioned values and which can be viewed in a special **LED** on the back.

STD Commercial Panel 0°+50°/ 58TNI **Operative** Temperature
STD Commercial Panel -5°+60°/ 58TNI **Storage** Temperature

Wide Industrial Panel -20°+80°/ 105TNI **Operative** Temperature
Wide Industrial Panel -30°+90°/ 105TNI **Storage** Temperature

MONITOR TOUCH   OPEN FRAME TOUCH   MONITOR   OPEN FRAME   TOUCH SCREEN   TOUCH TABLE   FLOOR STANDING   KIOSK   VIDEOWALL

Display & Digital Signage Solutions