



## Palas Touch Monitor Advantages :

Outstanding 3M quality.

All-glass construction provides vandal resistance and durability against scratches.

The accuracy, durability, and fast touch response expected from a 3M MicroTouch™ ClearTek™ product.

Ideal for Indian conditions as unaffected by environmental contaminants.

3 year warranty.

Local service ensures high uptime.

Available ex-stock in India.

## Product Highlights

- Uses the 3M MicroTouch™ ClearTek™ touch screen.
- Any monitor can be used subject to availability and compatability (Samsung, LG, Dell, Acer, Sony, HP, AOC, ViewSonic, VU, etc.)
- Looks like a normal monitor from the outside.
- Any monitor size (10.4" to 32")
- Widescreen monitors also available.
- Can be used on desktop, inside kiosk, wall mounted, integrated into machinery.

Touch Screen	
Technology	3M MicroTouch ClearTek II Capacitive
Touch Screen Construction	Conductive coating on glass with ClearTek protective overcoat
Glass Thickness	3.18mm
Input Method	Finger input
Minimum Contact Requirement	3 milliseconds
Accuracy	Within 1% of true position
Touch Resolution	16K * 16K
Light Transmission	91.5% ± 1.5%
Surface Finish	ClearTek hard coat with anti-glare and easy glide surface
Surface Scratch Hardness	Exceeds severe abrasion test per MIL C675C.
	Scratches by pick of Moh's hardness rating less than 7 do not affect performance.
	Withstands 10,500 grams force per Balance Beam Scrape Adhesion Mar Tester, MicroScratch test with 10 micron radius tungsten carbide indenter takes a force of 1.8 Newtons.
Operating Temperature	-15 to 70 deg C
Humidity	Upto 90% RH from 0 to 35 deg C, non-condensing
Surface Obstruction	Not affected by surface contaminants like dust, grease, moisture, liquids.
Chemicals	Resistant to corrosives, as per ASTM D1308-07 & ASTM F-1598-95
NEMA	NEMA sealable
Interface	USB / Serial (In model y:U-USB,S-Serial)
Monitor	
Type	TFT active matrix display
Active Display Area	304 x 228 mm
Display Quality	Brightness: 250 Cd/m2; Contrast 400:1
Resolution	1024 x 768
Response Time	8 ms
Viewing Angle	H 170, V 160
Connectors	Power: 220VAC, Video: 15 pin D-Sub, analog RGB
Warranty	3 year

# PALAS

ISO 9001:2008 Certified

India Master Distributor For

**MicroTouch**  
3M

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