



## Palas Touch PC 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.

Local service ensures high uptime.

Available ex-stock in India.

## Product Highlights

- Uses a metal frame
- Meant for harsh environments (high temperatures, dust, vibration, etc.)
- Easy mounting - Can be used inside kiosk, fixed to a wall, or integrated into machinery.
- Various colour options and finishes.
- Uses the 3M MicroTouch™ ClearTek™ touch screen.
- Can use the ToughTouch strengthened screen for vandal-prone areas.
- Any monitor size (10.4" to 32")

Touch Screen		
Technology	3M MicroTouch ClearTek II Capacitive	3M MicroTouch ToughTouch
Touch Screen Construction	Conductive coating on glass with ClearTek protective overcoat	ClearTek Capacitive with chemically strengthened glass laminated to sensor.
Glass Thickness	3.18mm	8 mm
Input Method	Finger input	Finger Input
Impact Resistance		Meets UL1950 steel ball test for impact resistance
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)	
Display		
Type	TFT active matrix display	
Active Display Area	376 x 302 mm	
Display Quality	Brightness: 300 Cd/m <sup>2</sup> ; Contrast 1600:1	
Resolution	1280 x 1024	
Response Time	8 ms	
Viewing Angle	H 170, V 160	
Processing Unit		
Operating System	Microsoft Windows XP Embedded (XP Professional Optional)	
Processor Type	Intel Celeron M	
Processor Speed	1 GHz	
Standard Memory	1 GB Flash, 1 GB RAM (Hard Disk Optional)	
External Interfaces	2 USB, 1 Ethernet, 1 Audio Out	
Waranty	1 year	

# PALAS

ISO 9001:2008 Certified

India Master Distributor For

**MicroTouch**  
3M

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