

# 170PCUM-E17xx-x SingleTouch Monitor Data Sheet

Size	43.1cm (17") LCD-LED
Models	170PCUM-E17xx-x
<b>Touch Screen</b>	
Touch Points	Single Touch
Input Method	Finger, or smart pen or thin glove
Touch Screen	3M MicroTouch™ Capacitive
Glass Thickness	3.1 mm
Touch response time	less than 5.4 ms
Accuracy	> 99% of True Position
Light Transmission	greater than 91%
Touch resolution	16K x 16K with EXII controllers
Surface Finish	Anti-reflective, easy-glide
Surface scratch	Exceeds severe abrasion test as per MIL C675C. Scratches by stylus with Moh's rating up to 7 will not affect performance
Durability	Greater than 225 million touches
Surface Obstruction	Not affected by surface contaminants like dust, grease, moisture, liquids, paan stains
Chemicals	Resistant to corrosives, as per ASTM D1308-02 & ASTM F-1598-95
Protection	Standard IP51

## Display

Format	5:4
Display Area (mm)	338 x 270
Pixel Pitch	0.264
Brightness (cd/m <sup>2</sup> )	250
Contrast	800:1
Colours	> 16.7 million
Resolution	1280 x1024
Viewing Angle	H >160, V >140
Others	TCO3

## Others

Operating Temp Display	Standard: 0 - 45° C
Operating Temp Touchscreen	-40 to 70°C;
Relative Humidity	85% non-condensing
Connectors-Power	220VAC; (DC<25V for internal circuits)
Connectors	Touch: USB Display: VGA
Power (W) max	40
Touch Monitor made in	India
Certifications	ISO9001-2008; ISO14001-2015

## PALAS Single-Touch Monitors (PCxx series)

Palas Touch monitors, based on 3M Capacitive touch technology and electronics, offer fast, accurate touch with a response time of just 5 ms, the world's fastest.

Touch operation unaffected by liquids, dust, dirt, grease

Anti-reflective finish for use in high brightness areas, smooth easy glide surface coating, metal body for hot & harsh environments. All sizes from 6.4" to 31.5"

**Made in India**



Palas manufactures in India:

- Touchscreen monitors, Touch All-in-ones, 10" to 55"
- Industrial Touch Panel PCs, Rugged touch systems
- POS systems
- Smart Card Readers for ATMs, Kiosks, Vending
- Interactive Digital Signage Systems for Malls, Factories, Buildings

Palas is the Master Distributor in South Asia for:

- Touch Screens from 3M Touch Systems, USA
- Motorized & Dip Smart Card Readers from Sankyo, Japan

**Palas is an IIT / IIM alumnus enterprise**



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## PALAS Software Pvt Ltd.

S-74 Okhla Industrial Area Phase 2, New Delhi 110020 INDIA

Tel: +91-11-41708030 to 37; +91-9811001546 to 52; WhatsApp: +91-98110 01546

Bengaluru 80950-48512, Chennai 98110-01548, Hyderabad 98110-01552 Mumbai 98110-01549

Regd Off: B - 39 Kailash Colony, New Delhi 110048

Web: <http://www.palas-india.com>

Email: [sales@palas-india.com](mailto:sales@palas-india.com)