

# 320PMUM-U MultiTouch Monitor (Ultra Hi-def) Data Sheet

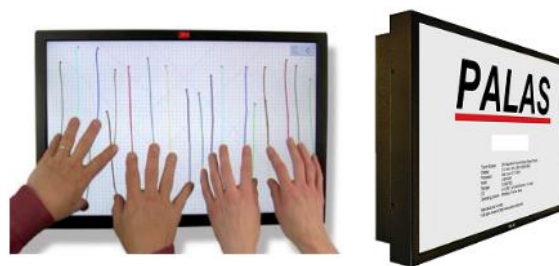
**PALAS**  
ISO 9001:2008 Certified

Model	320PMUM-U
Display Size	80cm (31.5")
Front Bezel	Metal 30mm width
<b>Touch Screen</b>	
Touch Points	Up to 40 simultaneous touch points
Input Method	Finger, thin gloves, or 3M Smart pen.
Touch Screen	3M MicroTouch™ Projected Capacitive
Touch response time	less than 12 ms
Accuracy	Within 1% of True Position
Light Transmission	greater than 88%
Surface Finish	Non-active cover glass, no wear mechanism. Anti-reflective
Surface Obstruction	Not affected by surface contaminants like dust, grease, moisture, liquids, paan stains
Chemicals	Resistant to corrosives, as per ASTM D1308-07 & ASTM F-1598-104
Protection	Front face sealable to Nema 4X / IP65 Front protected from sprays of water
<b>Display</b>	
Format	wide
Display Area (mm)	697 x 392
Pixel Pitch	0.182
Brightness (cd/m <sup>2</sup> )	350
Resolution	<b>3840x2160</b>
Viewing Angle	H170, V170
<b>Others</b>	
Operating Temp	0 - 45° C
Relative Humidity	85% non-condensing
Power / Connectors	220VAC
Power (W)	250
Touch Monitor made in	India

**PALAS Multi-Touch Monitors (PM series)**  
Palas Multi Touch monitors, based on 3M Projected Capacitive touch technology and electronics, offer fast, accurate and up to 40 finger simultaneous touch.

Unique metal frame monitors for use in harsh environments. Rugged design. Easy mounting through VESA mounts. Smooth, easy-glide surface coating. Anti-reflective..

**Made in India**



**Ultra Hi definition  
3840 x 2160**

Palas manufactures in India:

- Touchscreen monitors, Touch All-in-ones
- 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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