

# 420PDUM SingleTouch Monitor Data Sheet

<b>Size</b>	107cm (42")
<b>Models</b>	420PDUM

## Touch Screen

Touch Points	Single Touch
Input Method	Finger or any stylus
Touch Screen	3M DST
Touch response time	20 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	not affected by surface scratches
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
Optional Protection	

## Display

Format	16:9
Display Area (mm)	929 x 522
Pixel Pitch	0.484
Brightness (cd/m <sup>2</sup> )	400
Resolution	1920 x1080
Viewing Angle	H >170, V >170

## Others

Operating Temp Display	0 - 45° C
Operating Temp Touchscreen	-40 to 70°C;
Relative Humidity	85% non-condensing
Connectors-Power	220VAC
Connectors-Touch	Standard-USB; Optional:Serial
Connectors-Display	HDMI
Power (W) max	220
Touch Monitor made in	India

## Model Types

xxxPDUM	Standard model (metal bezel)
xxxPDUMF	Flange model (for panel mount)
xxxPDUT	High temperature rating
xxxPDUM-U	Ultra high resolution

## PALAS Single-Touch Monitors (PDxx series)

Palas Touch monitors, based on 3M DST touch technology and electronics, offer fast & accurate touch. Use with finger, gloved hands, pencil or any stylus

Touch operation unaffected by moisture, 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 32" to 55"

## Made in India



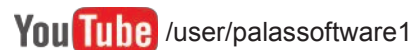
## Palas manufactures in India:

- 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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