

420PDUM SingleTouch Monitor Data Sheet

Size	107cm (42")
Models	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 ²)	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



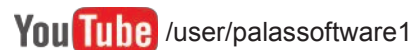
Palas manufactures in India:

- 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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