

215PCUM, 215PCUMF, SingleTouch Monitor Data Sheet

| | |
|---------------|-------------------|
| Size | 21.5" wide |
| Models | 215PCUM, 215PCUMF |

Touch Screen

| | |
|----------------------------|--|
| Touch Points | Single Touch |
| Input Method | Finger, or 3M Smart pen. |
| Touch Screen | 3M MicroTouch™ Surface Capacitive |
| 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, ClearTek Hard coat |
| Surface scratch | Hardness MoHS 7 or higher to induce a functions failure |
| 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 | Front face sealable to Nema 4X / IP65 Front protected from sprays of water |

Display

| | |
|--------------------------------------|------------|
| Format | 16:9 |
| Display Area (mm) | 477 x 268 |
| Pixel Pitch | 0.248 |
| Brightness (cd/m²) | 300 |
| Resolution | 1920 x1080 |
| Viewing Angle | H178, V178 |

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 | VGA/DVI |
| Power (W) max | 55 |
| Touch Monitor made in | India |

Model Types

| | |
|-----------|--|
| xxxPCUM | Standard model (metal bezel) |
| xxxPCUMF | Flange model (for panel mount) |
| xxxPCUMT | High temperature rating |
| xxxPCUM-U | Ultra high resolution |
| xxxPTUM | Toughened glass (UL 1950) |
| xxxPTUT | Toughened glass (UL 1950) and high temperature |

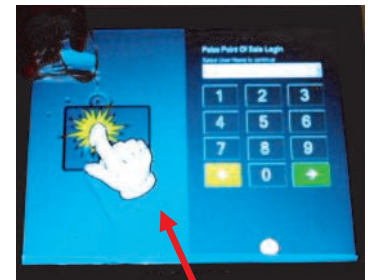
PALAS Single-Touch Monitors (PCxx series)

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 32"

Made in India



Optional - Water / liquid spills do not affect operation.



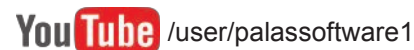
Palas manufactures in India:

- 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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