

220PCU3, C2234SW SingleTouch Monitor Data Sheet

Size	56CM (22") W
Models	C2234SW / 220PCU3

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	16:10
Display Area (mm)	475 x 297
Pixel Pitch	0.282
Brightness (cd/m ²)	250
Resolution	1680 x 1050
Viewing Angle	H >140, V >140

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	USA

Model Types

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

Single-Touch Monitors (M / C series)

3M Single-Touch monitors, based on 3M Surface Capacitive touch technology and electronics, offer fast, accurate touch with a smooth, easy-glide surface coating. Touch operation unaffected by liquids, dust, dirt, grease

Easy mounting through VESA mounts.

Made in USA



Model C2234SW does not have a front bezel, as is meant to be fitted into a kiosk



Model 220PCU3 has a front bezel, and can be used with a wall mount, or fitted into a kiosk

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



PALAS Software Pvt Ltd.

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

Tel: +91-11-41708030 Fax: +91-11-41708037 Email: sales@palas-india.com Web: http://www.palas-india.com
Bangalore 80950-48512, Chennai 72000-86824, Hyderabad 98113-22052, Mumbai 98205-03354

Regd Off: B - 39 Kailash Colony, New Delhi 110048 ; Plant 2: : Roorkee, Uttarakhand, India