

# 48cm / 19" Single Touch Monitor 190PCUM Data Sheet

# PALAS

ISO9001-2015; ISO14001-2015

Model	190PCUM
Display Size	48cm (19")
Front Bezel	Metal Bezel;
<b>Touch Screen Monitor</b>	
Touch Screen	Capacitive Single Touch
Input Method	Bare Finger or Smart Pen
Touch Response Time	Less Than 5.4 ms
Accuracy	Within 1% of True Position
Surface Finish	Anti-Reflective
Surface Obstruction	Not Affected By Surface Contaminants Like Dust, Grease, Moisture, Liquids, Paan Stains. Resistant To Most Corrosives
Format	4:3
Display Area (mm)	376 x 302
Pixel Pitch	0.294
Brightness (cd/m <sup>2</sup> )	Standard 250. Optional Up To 2000
Resolution	1280 x 1024
Viewing Angle	H>140, V>140

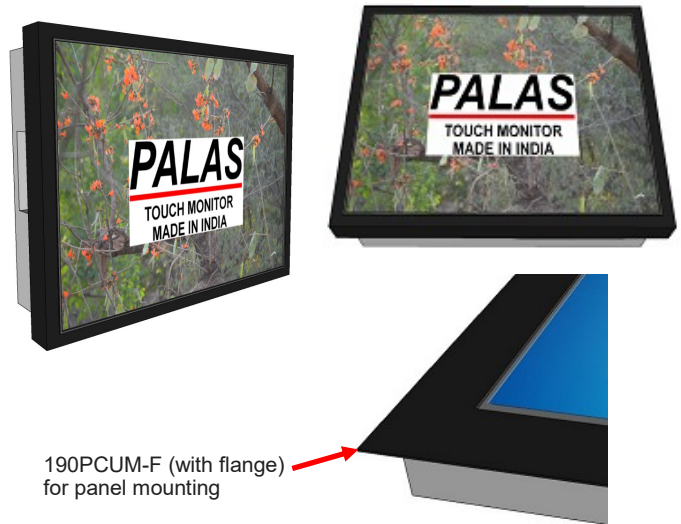
## Others

Operating Temp	Standard 0 - 50° C; Optional 0 - 70° C
Relative Humidity	85% Non-Condensing
Environment	Can Be Sanitised By Wiping With Alcohol. Front Face Protected From Sprays Of Water. Optional Up To IP67.
Power Connectors Display connectors	19VDC / 220VAC Standard HDMI; Optional VGA
Power (W)	<100
Warranty	Standard 1 Year, Carry-In. Optional Up To 5 Years
Certification	As per BIS 13252 / IEC 60950
Country of Origin (COO)	Made in India

**PALAS Single-Touch Monitors (PCxx series)**  
Palas Touch Monitors, based on Capacitive touch technology, offer fast, accurate touch with a response time of just 5 ms, amongst the world's fastest.

Touch operation unaffected by liquids, dust, dirt, grease

Unique metal frame PCs for use in harsh environments. Rugged design. Easy mounting through VESA mounts. Anti-reflective.



190PCUM-F (with flange)  
for panel mounting

Palas manufactures in India:

- Touchscreen monitors, Touch All-in-ones
- Industrial Touch Panel PCs, Rugged touch systems
- Smart Card Readers for ATMs, Kiosks, Vending
- Interactive Digital Signage Systems for Malls, Factories, Buildings
- Self-service kiosks for restaurants
- Smart City Information & Transaction kiosks

With technical assistance for many products from 3M, USA or Sankyo, Japan

Palas also offers a range of low-cost software applications for touch, that can be quickly deployed by customers

Palas is an IIT / IIM alumnus enterprise

**Made in India  
By an MSME**

**YouTube** /user/palassoftware1

**f** /PalasSoftware



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