80cm / 31.5" Multi-Touch Monitor 320PMUM Data Sheet



Model	320PMUM
Display Size	80cm (31.5")
Front Bezel	Metal Bezel; Optional Full Flat Front Surface

Touch Screen Monitor

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Touch Screen	Capacitive Multi-Touch	
Input Method	Finger, Thin Gloves, Smart Pen	
Touch Response Time	Less Than 12 ms	
Accuracy	Within 1% of True Position	
Surface Finish	Non-Active Cover Glass. No Wear Mechanism. Anti-Reflective	
Surface Obstruction	Not Affected By Surface Contaminants Like Dust, Grease, Moisture, Liquids, Paan Stains. Resistant To Most Corrosives	
Format	Wide 16:9	
Display Area (mm)	697 x 392	
Pixel Pitch	0.36	
Brightness (cd/m²)	Standard 250. Optional Up To 2000	
Resolution	Standard 1920x1080; optional 3840x2160	
Viewing Angle	H170, V170	

Others

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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	19VDC / 220VAC
Power (W)	<100
Warranty	Standard 1 Year, Carry-In. Optional Up To 5 Years
Certification	BIS 13252 / IEC 60950; BIS - R81002836
Country of Origin (COO)	Made in India

PM Models	xxx denotes size
xxxPMUM	Standard model (metal bezel)
xxxPMUM-B	Extra high brighntess
xxxPMUM-F	Flange model (for panel mount)
xxxPMUM-U	4K resolution,
xxxPMUM-UB	4K resolution, High Brightness
xxxPMUM-G	Full Flat front
xxxPMUM-GS	Full Flat front, Sealed to prevent water ingress
xxxPMUM-G-U	4K Resolution, Full Flat Front
xxxPMUM-G-IP	Full Flat Front, IP64 (optional IP65)
xxxPMUM-x-SO	Self Service Ordering systems



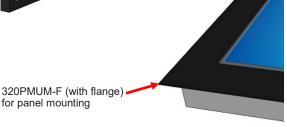


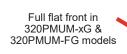
Palas Multi Touch Monitors, based on Projected Capacitive touch technology, offer fast, accurate touch, and up to 40 finger simultaneous touch on some larger models

Unique metal frame PCs for use in harsh environments. Rugged design. Easy mounting through VESA mounts. Smooth, easy-glide surface coating. Anti-reflective.











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 some products from 3M, USA & 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





/PalasSoftware

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