

# Palas 107cm (42") Wide Touch Screen Monitor Specifications (420LDUW)

**PALAS**  
ISO 9001:2008 Certified



## Product Highlights

- Uses the 3M MicroTouch™ Dispersive Signal Technology (DST) touch screen.
- Any monitor can be used subject to availability and compatability (Samsung, LG, Dell, Acer, Sony, HP, AOC, ViewSonic, VU, etc.)
- Looks like a normal monitor from the outside.
- Can be used on desktop, inside kiosk, wall mounted, integrated into machinery.

Touch Screen	
Technology	3M MicroTouch System DST2270DX
Touch Screen Construction	Chemically-strengthened glass substrate with anti-glare etch
Glass Thickness	2.2mm
Overall Thickness	4.4mm (Glass thickness, tail, electronics, mountings)
Input Method	Finger and stylus input
Minimum Contact Requirement	20 mN.s (milli-newton seconds)
Response	20 ms for tap input
Accuracy	Within 1% of true position
Touch Resolution	16K * 16K
Light Transmission	92% ± 2%
Surface Finish	Anti-glare etch
Surface Hardness	Mohs pick with a hardness rating of 7 or higher is required to induce a scratch. Scratches will not result in a functional failure.
Durability	Chemically-strengthened glass meets EN/UL 60950 glass breakage specifications
Operating Temperature	-15 to 70 deg C
Humidity	Up to 90% RH from 0 to 35 deg C, non-condensing
Surface Obstruction	Unaffected by dust, grease, moisture, liquids.
Interface	USB
Cleaning	Wipe with damp cloth moistened with water or isopropyl alcohol
Display	
Type	TFT active matrix display
Active Display Area	930 x 523 mm
Display Quality	Brightness: 500 Cd/m2
Resolution	1366 x 768 (1920 x 1080 optional)
Response Time	8 ms
Viewing Angle	H 120 to 170, V 140 to 170
Operating Temperature	0 - 45 C
Warranty	1 year

Above specifications are subject to change. Please check the specifications before purchasing.

## Advantages of Palas Touch Screen Monitors:

**High quality:** Use 3M MicroTouch touch screens

**Reliable:** Operation unaffected by liquids, dust, dirt and grime

**Clear:** Excellent light transmission: 92%

**High accuracy:** Within 1% of true position

**User friendly:** Anti-glare coating

**Durable:** Scratches by pick of Moh's hardness rating less than 7 do not affect performance.

**Rugged:** Metal Panel LCD touch screen monitors also available (for harsh usage in factories, kitchens etc.)

**Local service:** Ensures high uptime. Available ex-stock in India.

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India Master Distributor For

**MicroTouch**  
3M

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