

PALAS

Touch Screen Monitor Guide

2010-2011



Palas – A tree also known as Flame of the Forest, *Butea monosperma*, Dhak, Palash (Bengali), Porasum (Tamil), Khakda (Gujarati). Palas, a Sanskrit word, is mentioned in many ancient Indian poems & texts.

Palas is a very hardy and robust tree, often blossoming in areas where no other tree is able to survive.

The Palas flower heralds the beginning of summer. A grove of Palas trees in full bloom sets the horizon ablaze with bright orange flowers. The flower is full of nectar; many species of birds like sunbirds, mynahs & babblers are frequent visitors to Palas.

Palas offers multiple benefits. The powdered flower is used as “gula” for Holi; the flowers produce a dye which Buddhist monks use to dye their robes; the tree is a host tree for the lac insect which gives us shellac/lac with numerous uses including polishing, finishing furniture and as confectioner’s glaze.

Standard Touch Screen Monitors

- Use 3M MicroTouch touch screens
- Highest light transmission (91.5%), fastest response time (3ms), tested to withstand over 225 million touches
- Very accurate - Reported touch coordinates are within 1.0% of true position
- Performance unaffected by everyday contaminants, such as dirt, dust, grease, liquids
- Full HD (1920x1080) for 32" and above
- Available ex-stock in India. Up to 3 years warranty. Serviced in India.

Touch Screen											Monitor				
Model	21cm (8.4")	26cm (10.4")	38cm (15")	43cm (17")	43cm (17")	48cm (19")	48cm (19")	51cm (20")	55cm (21.5")	56cm (22")	80cm (32")	80cm (32")	107cm (42")	120cm (47")	
	084LCx	104LCx	150LCx	170LCx	170LCx	190LCx	190LCx	200LCx	215LCxW	220PxW	320LCxW	320LDUW	420LDUW	470LDUW	
Technology	MicroTouch SCT3250EX														
Construction	Conductive coating on glass with ClearTek hard coat and top coat														
Glass Thickness (mm)	3.18														
Input Method	Finger input														
Min. Contact	Only 5.4 milliseconds														
Touch Resolution	16K x 16K														
Accuracy	Within 1% of true position														
Light Transmission	91.5% ± 1.5%														
Surface Finish	ClearTek hardcoat with anti-glare and easy glide														
Surface Obstruction	Not affected by surface contaminants like dust, grease, moisture, liquids, paan stains, etc.														
Chemicals	Resistant to corrosives, as per ASTM D1308-07 & ASTM F-1598-95														
NEMA	NEMA sealable equivalent														
Interface	USB / Serial (In model x:U-USB,S-Serial)														
Display Area (mm)	170 x 128	211 x 158	304 x 228	338 x 270	367 x 230	376 x 302	410 x 256	410 x 310	480 x 270	475 x 297	697 x 392	697 x 392	930 x 523	1049 x 593	
Pixel Pitch	0.21	0.26	0.297	0.264	0.255	0.294	0.285	0.258	0.25	0.282	0.51	0.51	0.484	0.54	
Display Brightness (cd/m ²)	200														
Resolution	800 x 600														
Backlight	CCFL														
Operating Temp.	Touch screen: -40 to 70°C; Display: 0 - 45°C														
Viewing Angle	H 120-170, V 140-170														
Power / Connectors	220VAC; 15 pin D-Sub, Analog RGB														
Power (W)	16	28	40	45	50	55	150	200							
Warranty	Touch screen monitor : 1 to 3 years														

High Brightness Touch Screen Monitors

- Use the 3M MicroTouch Capacitive touch screen
- Withstand high temperature (0 to 60°C) making these ideal for Indian conditions. Much superior to conventional monitors which are rated only from 0 to 40°C
- High brightness levels of up to 1450 makes Palas touch screen monitors stand out even in brightly lit public spaces
- Specialty high resolution grey scale touch monitors for medical applications
- Powder coated metal frame monitors are panel, kiosk and wall mountable

	21cm (8.4")	26cm (10.4")	30cm (12")	38cm (15")	38cm (15")	43cm (17")	51cm (20")	54cm (21.5")	54cm (21.5")	57cm (22.5")
Model	BT084LCx	BT104LCx	BT120LCx	BT150LCx	BT150ECx	BT170LCx	MT200LCx	MT215LCx	BT215LCx	BT225LCx
Technology	Micro Touch SCT3250EX									
Construction	Conductive coating on glass with ClearTek hard coat and top coat									
Glass Thickness (mm)	3.18									
Input Method	Finger input									
Min. Contact	Only 5.4 milliseconds									
Touch Resolution	16K x 16K									
Accuracy	Within 1% of true position									
Light Transmission	91.5% ± 1.5%									
Surface Finish	ClearTek hardcoat with anti-glare and easy glide									
Surface Obstruction	Not affected by surface contaminants like dust, grease, moisture, liquids, paan stains, etc.									
Chemicals	Resistant to corrosives, as per ASTM D1308-07 & ASTM F-1598-95									
NEMA	NEMA sealable equivalent									
Interface	USB / Serial (In model x:U-USB,S-Serial)									
Display Area (mm)	170 x 128	211 x 158	246 x 184	304 x 228	338 x 270	399 x 319	432 x 324	483 x 302		
Pixel Pitch	0.21	0.264	0.24	0.29	0.26	0.15	0.21	0.25		
Display Brightness (cd/m ²)	400	450	500	350	550	380	850	1450	800	420
Colours	16.2 M									
Resolution	800 x 600	1024 x 768		1280 x 1024	16.7 M	2560 x 2048	2048 x 1536	1920 x 1200		
Contrast	600:1	700:1		1000:1	4 CCFL	600:1	900:1	800:1		
Backlight	LED									
Response Time (ms)	30	25	8	4 CCFL		12 CCFL	16 CCFL	12 CCFL	24	12
Operating Temp.	Touchscreen: -40 to 70°C; Display: 0 - 60° C									
Viewing Angle	H 160, V 140					H 176, V 176				
Power / Connectors	12 V DC, Analog RGB									
Power (W)	15	20	24	30	40	50	80	100	100	80
Warranty	Touch screen monitor : 1 to 3 years									

Touch Screen

Monitor



Distinguished Visitors



Spacious Offices



Executive Room



Creative Zone



Easily Accessible Location



Extensive Quality Control

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