

primeTOUCH flat

Datasheet



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- ▶ high quality professional Multitouch Display
- ▶ flat front design providing very sleek and modern look
- ▶ flat IR technology with up to 32 touchpoints (up to 50 touchpoints on request)
- ▶ heat tempered, super smooth and etched anti-glare front glass
- ▶ cost effective solution



primeTOUCH flat revolutionises the world of IR touchscreens. It works as precisely and robust as known from primeTOUCH series combined with a stylish, nearly flat front design. The PCAP similar look and its highly cost effectiveness make primeTOUCH flat an overall attractive interactive solution.

NEC M-Series displays team up perfectly with primeTOUCH solutions and work as a reliable and professional display.

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DISPLAY

Available sizes	43", 55", 65", 75", 86", 98"	
Display resolution	Ultra High Definition (UHD) 3.840 x 2.160	
Basic display	NEC M431, NEC M551, NEC M651, NEC M751, NEC M861, NEC M981	
Brightness	approx. 500 nit	
Digital Video Signal Inputs	43" - 65": 75" - 98":	1 x DisplayPort, 2 x HDMI 2 x Display Port, 2 x HDMI

TOUCH TECHNOLOGY

Technology	Flat IR Touch	
Touch inputs	43" - 65": 75" - 98":	12 simultaneous touch points, up to 50 on request 32 simultaneous touch points, up to 50 on request
Input method	finger, glove, pen etc.	
Touch fidelity	less than 0.5 mm	
Minimum detectable object	1.5 mm	
Sample rate	up to 250 Hz	
Front glass	anti-glare, super smooth (etched), tempered safety glass	
Communication	USB HID Digitizer (driver necessary in some cases)	
Connection	USB A female connector (USB 2.0 Full Speed)	
Native driver support	Windows 10/11, Mac OS X, Linux on request, Android on request	
Touch data output	HID, native Windows Multitouch, TUIO	

INSTALLATION/OPERATION

Operating temperature	0 °C to +35 °C
Operating humidity	20 % RH to 80 % RH
Orientation	landscape, portrait, face-up *1
Operating time	24/7
Warranty	24 months, excluding USB connectors

*1 For face up installation display fan set to ON, speed to HIGH, brightness set to max 70 %. Make sure the environment/housing is well ventilated and cooled. Contact us for further details