

primeTOUCH flat

Datasheet



primeTOUCH flat

- ▶ 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 P- or V-Series displays team up perfectly with primeTOUCH solutions and work as a reliable and professional display. Customers have the choice between P-Series version with approx. 700 nit or V-Series with approx. 500 nit brightness.

primeTOUCH flat

Datasheet

DISPLAY

Available sizes	32", 40", 48", 55", 75", 86", 98"	
Display resolution	32" - 55": 75" - 98":	High Definition (HD) 1,920 x 1,080 Ultra High Definition (UHD) 3,840 x 2,160
Basic display	NEC V323-2, NEC P404, NEC V404, NEC P484, NEC V484, NEC P554, NEC V554, NEC P754Q, NEC V754Q, NEC V864Q, NEC V984Q	
Panel	40", 48": 32", 55": 75", 86": 98":	LCD S-PVA with Edge-LED-Backlight LCD S-IPS with Edge-LED-Backlight LCD IPS with Edge-LED-Backlight LCD IPS with Direct-LED-Backlight
Brightness	32"V: 40"P, 48"P, 55"P: 40"V, 48"V, 55"V, 75"V, 86"V, 98"V: 75"P:	428 nit (450 nit without front glass) 665 nit (700 nit without front glass) 475 nit (500 nit without front glass) 618 nit (650 nit without front glass)
Digital Video Signal Inputs	32": (HDCP) 40" - 55": (HDCP) 75" - 98":	1 x Display Port (HDCP), 1 x DVI-D (HDCP), 1 x HDMI 2 x Display Port (HDCP), 1 x DVI-D (HDCP), 2 x HDMI 2 x Display Port (HDCP), 3 x HDMI (HDCP)

TOUCH TECHNOLOGY

Technology	Flat IR Touch	
Touch inputs	32" - 55": 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 7/8/10, 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 settings set to ON and speed to HIGH, brightness set to max 70 %. Make sure the environment/housing is well ventilated and cooled.