

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- or V-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 V754Q, NEC V864Q, NEC V984Q | |
| Panel | 43", 55", 75": 65", 98": | LCD IPS with Edge-LED-Backlight LCD IPS with Direct-LED-Backlight |
| Brightness | 475 nit (500 nit without front glass) | |
| Digital Video Signal Inputs | 43" - 65": 75" - 98": | 1 x DisplayPort (HDCP); 2 x HDMI (HDCP) 2 x Display Port (HDCP), 3 x HDMI (HDCP) |

TOUCH TECHNOLOGY

| | | |
|---------------------------|--|---|
| Technology | Flat IR Touch | |
| Touch inputs | 43" - 65": 75" - 98": | 12, or 32 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.