

# fluxTOUCH gen3

Datasheet

---



## fluxTOUCH gen3

- ▶ flat front design
- ▶ advanced 3M Pro-Series PCAP Sensor
- ▶ 80 simultaneous touch points
- ▶ super fine Metal Mesh Sensor
- ▶ detection of capacitive TOR objects \*1



fluxTOUCH gen3 is the third and latest generation of the fluxTOUCH capacitive touch solution series. It combines professional UHD LC-Displays with the latest 3M PCAP sensor technology providing a stunning multitouch experience. With the super fine Metal Mesh Sensor, the visible sensor structure is reduced to a minimum. The unique mechanical design results in a flat front with no raising bezel and an overall modern look. Furthermore, it proves itself as a robust and easy to integrate product.

\*1 Tangible Object Recognition (TOR) is not included and can be offered separately

# fluxTOUCH gen3

## Datasheet

---

### DISPLAY \*1

---

|                    |  |
|--------------------|--|
| Available sizes    | 55", 65"   |
| Display resolution | Ultra-High Definition (UHD) 3,840 x 2,160  |
| Basic display      | NEC V554Q, NEC X551UHD, NEC X651UHD-2, NEC P/V654Q   |
| Panel              | V554Q: LCD IPS with edge-LED backlight<br>X551UHD: LCD S-PVA with edge-LED backlight<br>X651UHD-2: LCD S-IPS with edge-LED backlight<br>P/V654Q: LCD M-VA with direct-LED backlight (with local dimming) |
| Brightness         | V554Q/X551UHD: 450 nit (500 nit without PCAP sensor)<br>X651UHD-2: 390 nit (450 nit without PCAP sensor)<br>V654Q: 450 nit (500 nit without PCAP sensor)<br>P654Q: 630 nit (700 nit without PCAP sensor) |

### TOUCH TECHNOLOGY

---

|                       |   |
|-----------------------|---|
| Technology            | PCAP Metal Mesh   |
| Touch Inputs          | up to 80 simultaneous touch points with palm rejection              |
| Input Method          | finger, Tangible Object Recognition (TOR), thin glove               |
| Accuracy              | > 99 % of true position   |
| Touch refresh rate    | greater than 100 Hz (< 10 ms) [time between touch position updates] |
| Communication         | USB HID digitizer   |
| Connection            | USB A female connector  |
| Native Driver Support | Windows 7, 8, 10, Linux on request                                  |
| 3rd-party Driver      | Mac OS (Intel)  |

### INSTALLATION/OPERATION

---

|                       |  |
|-----------------------|--|
| Dimensions/Weight *2  | 55" (V554Q): 1,276 x 746.5 x 75 mm (+/-2,0 mm); 40 kg<br>55" (X551UHD): 1,276 x 746.50 x 79 mm (+/-2.0 mm); 42 kg<br>65" (X651UHD-2): 1,524 x 899 x 89 mm (+/-2.5 mm); 63 kg<br>65" (P/V654Q): 1,524 x 899 x 88 mm (+/- 2.5 mm); 62.5 kg |
| Operating Temperature | 0 °C to +35 °C   |
| Operating Humidity    | 20 % RH to 80 % RH   |
| Orientation           | landscape, portrait, face-up (with additional precautions see *3)  |
| Operating time        | 24/7   |
| Warranty              | 24 months, excluding USB connectors  |

\*1 for more details please refer to display datasheet

\*2 see drawings for further information

\*3 for face up installation display fan settings set to ON and speed to HIGH, brightness set to max 70 %. Make sure that environment/housing is well ventilated and cooled.