

fluxTOUCH gen3

Datasheet



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- ▶ 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

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DISPLAY *1

Available sizes	32", 55", 65"
Display resolution	Ultra-High Definition (UHD) 3.840 x 2.160
Basic display	Eizo EV3237-BK, NEC X551UHD, NEC X651UHD-2
Panel	32": LCD IPS with LED Backlight 55": LCD S-PVA with Edge-LED Backlight 65": LCD S-IPS with Edge-LED Backlight
Brightness	32": 270 nit (300 nit without PCAP Sensor) 55": 450 nit (500 nit without PCAP Sensor) 65": 390 nit (450 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	32": 751 x 445 x 58,5 mm (+/-2,0 mm); 13 kg 55": 1.276 x 746,50 x 79 mm (+/-2,0 mm); 42 kg 65": 1.524 x 899 x 89 mm (+/-2,5 mm); 63 kg
Operating Temperature	0 °C to +35 °C
Operating Humidity	20 % RH to 80 % RH
Orientation	32": Landscape, Portrait, tilted 30° 55", 65": Landscape, Portrait, Face-Up (with additional precautions see *3)
Operating time	32": 14/7; 55", 65": 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 (55", 65") 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.