



DISPLAX Sense

TRANSPARENCY & PERFORMANCE

- Remarkable touch speed
- Ground breaking transparency
- On glass touch module

Benefits:

Superb touch experience
Optically clear image
Ready to integrate

Key features:

Projected Capacitive Multitouch
100 simultaneous touches
42" & 55" - 16:9
9 milliseconds response time
HID (Human Interface Device) – works with a wide range of Operating Systems
XTR-Shield™ Plus – most advanced noise filtering technology
Anti-glare soda lime glass (toughened)

Typical applications:

Touch LCDs
Touch tables

DISPLAX™ Sense

SPECIFICATIONS

GENERAL

Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Number of simultaneous touches	100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	42", 55"
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Substrate	Soda lime glass (toughened)
Substrate treatment	Anti-glare 80%
Interface	HID
OS with multitouch	Windows 10, 8, 7*, Ubuntu 12.04, Linux**, Android**, Chrome OS ***
OS with single touch	Mac OS X Yosemite (multitouch support through TUIO bridge)
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	±1 mm absolute, with 9mm touch tip
Touch module weight	4,5kg (42"); 7,5kg (55")
Controller weight	70g

PERFORMANCE

Touch response	9 milliseconds
Finger separation	20mm (42"); 17mm (55")
Calibration	Available using control panel: no drift

OPTICAL PROPERTIES

Transmission	86%
Reflection	10%
Haze	15%

POWER CONSUMPTION

Average power consumption (P)	USB powered @ 5V Operation consumption: 360 mA
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RELIABILITY

Operating temperature range	0°C to 70°C
Storage temperature range	-20°C to 80°C
Operating humidity range	0% to 90%
Storage humidity range	0% to 100%, except controller
Touch Sensor life time expectancy	Unlimited
Touch Controller life time expectancy	1 million hours
Warranty	1 year

*Home Premium SP1; Professional SP1; Ultimate x64 SP1

** Depending on kernel and multitouch support. Contact us for further discussion
*** 39.0.2171.85(64-bit)

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