














Crystal Touch® **MULTI USER - UP TO 4 USERS**

Crystal Touch® is a high resolution, high brightness, fast response, cost-effective, optical touch screen system that turns any flat surface into an interactive surface. Scalable, and mechanically simple to integrate, Crystal Touch® incorporates high resolution linear sensors and patented continuous waveguide illumination technology to deliver high levels of accuracy and resolution with mouse/handwriting recognition control.

Lumio's Crystal Touch® screens all come with our unique patented NO CALIBRATION firmware that allows for easy and simple configuration. Lumio's 4 CAMERAS, MULTI USER product family empowers you to develop collaboration software applications. Whether you work as a table top or as a wall mounted environments, Lumio's MULTI USER products are the perfect solution for the growth of your business.

Lumio's 4 TOUCH MULTI USER bezel height is 4 mm regardless of the screen size.

Key Features

-  High resolution
-  High accuracy
-  Fast reporting rate
-  Very low latency
-  Four touches, Multi Users
-  Glass transparency, no absorbing layer, no haze
-  High clarity and color fidelity
-  Activated by any object; finger, glove, pen/stylus etc.
-  No calibration is required - Automatic Self Calibration Feature (Automatic Drift Correction)
-  No aging or temperature drift
-  Long lifetime with high reliability
-  Scratches do not effect performance
-  Light touch with no pressure
-  USB-HID Digitizer
-  Multi hand writing for white board applications

Typical Applications

-  Consumers Products
-  All in one computers
-  Consumers LCDs Panels
-  Consumer LCD Monitors
-  Digital Signage
-  Gaming machines
-  Medical
-  Command & Control
-  Consumer Electronics
-  ATM/POS
-  Info stations/Kiosks/Retail
-  Industrial
-  Ticketing/Terminals
-  White Boards
-  Video Walls

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Specifications

Power Supply	USB 170mA-500mA *
Touch Method	Finger, Glove, and Stylus with 3mm diameter or above
Touch Activation	No Pressure required
Touch Durability	Unlimited
Touch Accuracy	0.3mm to 2.5mm, 0.5mm typical*
Resolution	24 Million Points over the touch area
Frame Rate	70-100fps
Reporting Rate	15 ms
ESD	Contact Discharge 8kV, air discharge 15kV
Environment	Temperature Operating: -5°C to 65°C Storage: -25°C to 90°C Humidity 10% to 90% RH, non-condensing
Transparency	>92% including glass overlay
Sealability	NEMA 4 and IP65 Standards ready
Communication	USB-HID Digitizer
Bezel Height	4mm height
Operating System	Win7 (no driver), all other Windows OS with multi touch drivers

Four simultaneous Touches meet with Windows 7 Logo Requirements

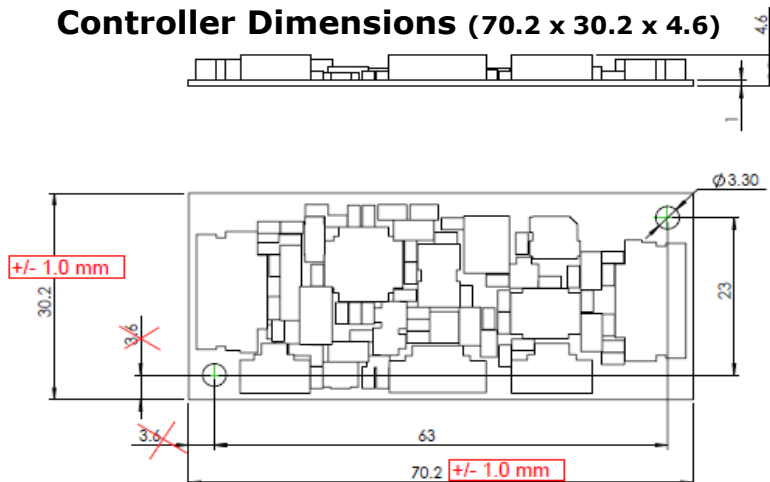
Supports extended desktop up to 64 screens

* Dependant on Panel Size
* Tested on most Linux distributions

Crystal Touch® Manager software is required to enable certain features.

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Controller Dimensions (70.2 x 30.2 x 4.6)



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