



drea**MTouch**^{*}

MULTITOUCH-SOLUTIONS FOR FLEXIBLE NEEDS



Medical systems | Marine application | Telecommunication
Industrial automation | Automotive industry | Food industry
Printing machines | Military application | Digital Signage | Multimedia

About dreaMTouch

The dreaMTouch is a unique Multi-Touch technology.

It is based on and inherits all positive features of the classic infrared touch.

But it is much more than that. It outperforms most other multi touch technologies available today. Installation is easy because there is no calibration required. Touch function is robust and reliable without recalibration even when there is a change in ambient light situation. For full multi-user, multi-touch experience all models provide up to 32 simultaneous touch points. Any kind of touch input is accepted. It can be a soft finger or a hard pen or whatever you might think of. A specially processed glass window is used to protect the panel and to let your finger glide smoothly over the surface. No force is required to activate a touch point. dreaMTouch is very reactive and gives the user a fast multi-touch response.

Our goal is a perfect integration with the monitor. The entire touch electronics, firmware and software is designed with industrial grade quality and many years of experience by German engineers. Besides the standard sizes the modular concept of the dreaMTouch system allows very flexible custom solutions. For example a 6 meter long and 1 meter high multi-touch wall has already been realized.

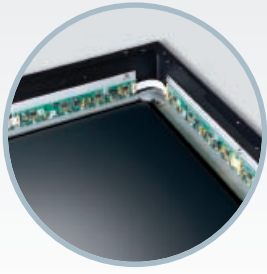
As a net result dreaMTouch offers you the best multi-touch technology you can get.

dreaMTouch solutions standard monitors



MTIR240W-V2	
Size	24" (61 cm)
Video Resolution	1920 X 1200
Mounting	Wall + Table
Based on Monitor	Eizo S2433
Dimensions	570 x 377 x 91 mm
Weight	12,5 kg

MTIR-FR02-V1	
Size	32" (81 cm)
Video Resolution	1920 x 1080
Mounting	Wall + Table
Based on Monitor	Canvys PD-CP32AH
Dimensions	796 x 486 x 122 mm
Weight	25 kg



Common Features

Interface	USB 1.1
Touch-Points	up to 32
Speed	50 Hz min. scan rate
Stylus	any kind with 8 mm diameter or larger
Glass Window	4,4 mm laminated security glass



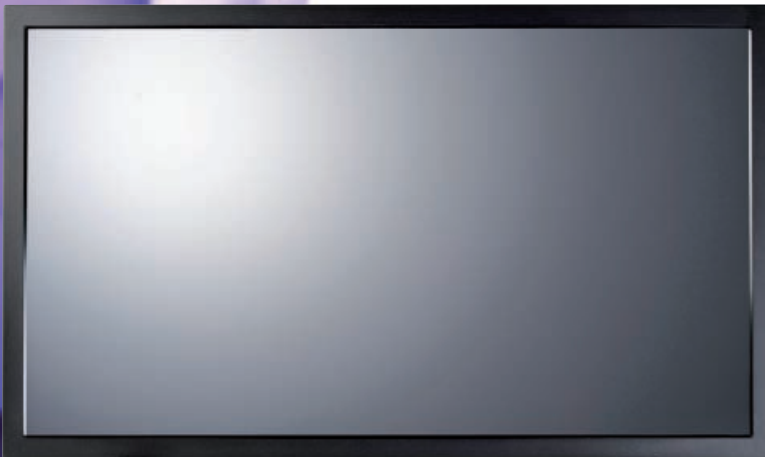
Software Integration

Easy installation drivers for:

- > Microsoft Windows XP SP2 (32 and 64 bit)
- > Microsoft Windows Vista (32 and 64 bit)
- > Microsoft Windows 7 (32 and 64 bit)
- > Linux (Ubuntu 10.0.4 and RPM packages in preparation)
- > Mac OSX 10.6 (in preparation)

Application Interface:

- > TUIO 1.1 (profiles 2Dcur and 2Dbllb)
- > USB HID device emulation
- > Mouse emulation
- > integrated web-server for supervision



MTIR460W-V3



Size	46" (117 cm)
Video Resolution	1920 x 1080
Mounting	Wall only
Based on Monitor	NEC Multisync P461
Dimensions	1088 x 642 x 148 mm
Weight	40 kg

MTIR550W-V1



Size	55" (140 cm)
Video Resolution	1920 x 1080
Mounting	Wall + Table
Based on Monitor	Canvys PD-CP55LED-FNAZ
Dimensions	1291 x 760 x 59 mm
Weight	41 kg

**„Take a closer look –
you will be convinced of our
knowledge and products.“**

CEO AND FOUNDER PETER KUNZMANN



MTIR650W

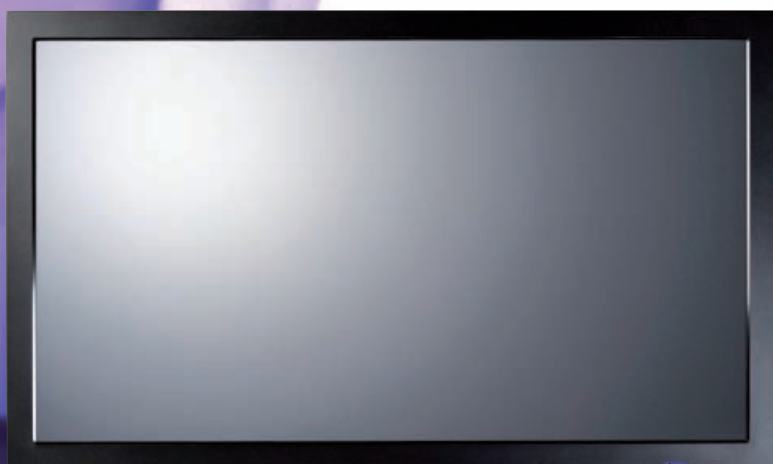
Size	65" (165 cm)
Video Resolution	1920 x 1080
Mounting	Overlay
Based on Monitor	Panasonic TH-65PF
Dimensions	1591 x 963 x 108 mm
Weight	17 kg frame only 83 kg incl. monitor

dreaMTouch solutions:
with special features



MTS40-01-V1

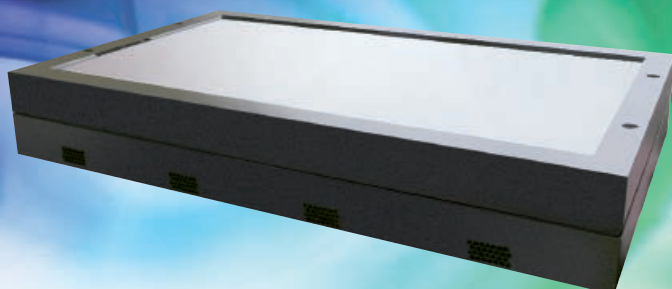
Size	40" (102 cm)
Video Resolution	1920 x 1080
Mounting	Standing on Floor
Based on Monitor	Sony Bravia KDL-40
Dimensions	1852 x 1023 x 700 mm
Weight	145 kg
Special Feature	Flat Glass Surface, slim design



MTIR560QHD-V1



Size	56" (142 cm)
Video Resolution	3840 x 2160
Mounting	Wall + Table
Based on Monitor	Barco LC-5621
Dimensions	1353 x 809 x 141 mm
Weight	67 kg
Special Feature	Quad Full HD Resolution



MTIR-FR01-V2

Size	46" (117 cm)
Video Resolution	1920 x 1080
Mounting	Wall + Table
Based on Monitor	NEC Multisync P461
Dimensions	1133 x 688 x 167 mm
Weight	67 kg
Special Feature	Active temperature management - ideal for shop solutions



- > MEDICAL SYSTEMS
- > MARINE APPLICATION
- > TELECOMMUNICATION
- > INDUSTRIAL AUTOMATION
- > AUTOMOTIVE INDUSTRY
- > FOOD INDUSTRY
- > PRINTING MACHINES
- > MILITARY APPLICATION
- > DIGITAL SIGNAGE
- > MULTIMEDIA

**We already provide a range of
standard multi-touch monitors.**

**We can provide custom solutions
for your specific needs.**

Citron is your single-source partner for all your custom touch and multi-touch system, displays, digital image transmission and industrial computer requirements.

We develop, produce and certify our products in Germany. We do this to ensure the highest standards of quality whilst still maintaining the flexibility to satisfy the most diverse customer requirements. By using the latest developmental tools and flexible production facilities, we are able to offer the optimum hardware and software package for every customer with an interest in infrared touch, HMI/MMI solutions, robust industrial computer applications or the proper driver for their application.

Drawing on our extensive knowledge and experience of more than 20 years in the industry we fully understand your challenging demands. Citron re-define the term High-Tech by offering fast and effective solutions for our clients from initial ideas to certification in your marketplace.

Contact us:

+49 (0) 821 749 45-0
sales@citron.de

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* TM Elektrosil GmbH



CITRON GmbH
Anwaltinger Straße 14 | D-86165 Augsburg
Phone: +49 (821) 74945-0 | Fax: +49 (821) 74945-99
E-Mail: sales@citron.de | www.citron.de