

## IP And PoE. Simple Connection Using Two Wires.

The innovative Mx2wire media converter makes it possible to connect one or several 10/100 Mbps Ethernet devices, including PoE power supply, to a LAN or to the Internet via an unused telephone wire or an antenna cable.

### MOBOTIX HiRes Video Replaces Up To 6 Cameras ...

- Ethernet and PoE data transfer via (existing) two-wire cable
- Use of bell wire, telephone wire or antenna cable
- Fast and simple connection of 10/100 Mbps Ethernet devices
- Ideal for connecting, e.g., IP cameras, PC, WLAN, IP telephone, IP door station
- Maximum data transfer range: 500 meters
- Data rate of up to 40 Mbps (depending on distance)
- Connected devices are supplied with up to 8 watts via PoE
- Simple installation, automatic configuration (sender/receiver)
- MOBOTIX technology, patent pending

... starting from EUR 398\* as a double set

#### HiRes Video Innovations

The German company MOBOTIX AG is known as the leading pioneer in network camera technology and its decentralized concept has made high-resolution video systems cost efficient.

MOBOTIX AG • 67722 Langmeil, Germany • Phone: +49 6302 9816 103 • Fax: +49 6302 9816 190 • sales@mobotix.com

## Technical Data – Mx2wire Media Converter

|                            |   |                              |   |
|----------------------------|---|------------------------------|---|
| <b>Models</b>              | Mx2wire set, pure white<br>Mx2wire set, cream   | <b>Status display</b>        | <b>Status LED 1:</b> Network connection, power supply<br><b>Status LED 2:</b> Active data transfer via AB wire, user connected to the opposite side |
| <b>Data transfer speed</b> | up to 40 Mbps (depending on distance)   | <b>Weight</b>                | 100 gr  |
| <b>Maximum range</b>       | 500 meters (max. 15 Mbps)   | <b>Operating temperature</b> | -30° to +60 °C (-22°F to +140°F)  |
| <b>Power consumption</b>   | 2.5 watts per Mx2wire Media Converter unit  | <b>Dimensions</b>            | 80 mm x 80 mm x 38 mm ( <b>flush-mounted model</b> )<br>80 mm x 80 mm x 45 mm ( <b>on-wall model</b> )  |
| <b>Interfaces</b>          | <b>Front panel:</b> RJ45 (fast Ethernet, PoE), DC jack<br><b>Rear panel:</b> Screw terminals to attach the two-wire cable   | <b>Included in delivery</b>  | Mx2wire media converter set, assembly parts, installation manual, patch cable   |
| <b>Power supply</b>        | Mx2wire modules are supplied via PoE (3 watts per module)<br><b>IN:</b> PoE (IEEE 802.3af)<br><b>OUT:</b> PoE (IEEE 802.3af – based on capacity, 8 watts to PoE device)<br>DC connector for external devices 9–24 V (e.g., VoIP phones) | <b>Accessories</b>           | Various frame models and additional accessories are being developed (available in 2009)   |

Technical information subject to change without notice.

## Mx2wire Media Converter

### Mx2wire Sets

MX2wire Set PW (pure white)  
MX2wire Set C (cream)

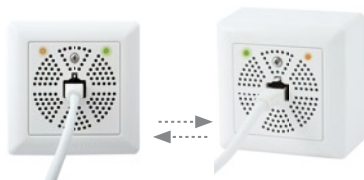


Fig. Flush mounting

An existing Mx2wire set contains all components necessary to set up an Ethernet connection using a two-wire cable (telephone, coaxial, bell wire).

Each one is supplied with a sender/receiver unit, as well as accessories for flush-mounting or on-wall assembly. The set is available in pure white or cream.

## Components (Shipped With Every Mx2wire Set)

### Circuit boards



- 2 Mx2wire circuit boards with sockets

### Panel frames



- 4 panel frames (2 with profile 1; 2 with profile 2)

### Front panels



- 2 front panels

### On-wall frames



- 2 on-wall frames

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