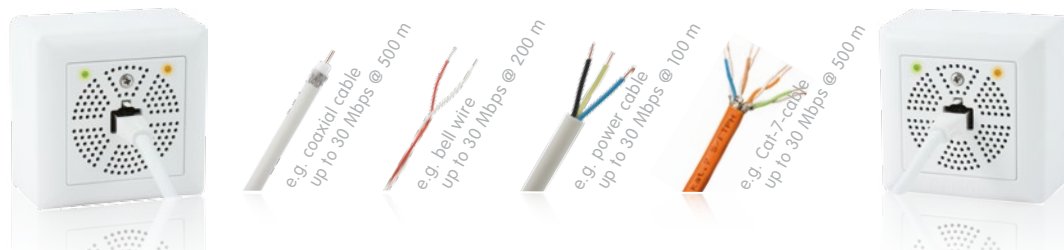


Ethernet with PoE. Using 2-Wires.

Mx2wire turns an existing two-wire cable into a modern multimedia cable – simply, quickly and cost-effectively.



Mx2wire – The MOBOTIX Media Converter ...

- Mx2wire transfers both data and power according to the PoE standard!
- Mx2wire does not require a separate power connection!
- Mx2wire uses existing telephone, power or antenna cables and therefore eliminates the enormous amount of time and effort normally required for cabling!
- Mx2wire is a quality product designed and manufactured entirely in Germany!

... only 298 €* for the complete set (two Mx2wire devices with three exchangeable panel frames)

*MSRP (Manufacturer's suggested retail prices) • Prices ex-works Langmeil, Germany (EXW) • Excluding VAT and any other handling charges • Information subject to change without notice! • © MOBOTIX AG







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 • D-67722 Langmeil • Tel: +49 6302 9816-103 • Fax: +49 6302 9816-190 • sales@mobotix.com


Technical Specifications Mx2wire Media Converter	
Models	Mx2wire set pure white (additional models in development)
Data transfer speed	up to 30 Mbps (depending on distance); see table below
Max. range	500 m (up to 30 Mbps)
Interfaces	Front: RJ45 (Fast Ethernet, PoE), DC jack Rear: Screw terminals to attach the two-wire cable
Certificates	EMC (EN55022, EN55024, EN61000-6-1, FCC part15B, AS/NZS3548)
Power supply	Mx2wire modules are supplied via PoE (3 watts per module) PoE (IEEE802.3af – based on capacity, 7 watts to PoE device)
Status display	Status LED 1: Network connection, power supply Status LED 2: Active data transfer via AB wire, user connected to the opposite side
Weight	100 g
Operating temperature	-30 to +60°C (-22 to +140 °F)
Dimensions	80 mm x 80 mm x 38 mm (flush-mounted model) 80 mm x 80 mm x 45 mm (on-wall model)
Standard delivery	Mx2wire media converter set (color: pure white), mounting parts, various panel frames, manual


Technical information subject to change without notice!


Mx2wire	Components (Shipped With Every Mx2wire Set)				
<p>Mx2wire set MX-2wire-Set-PW (pure white)</p>  <p>An existing Mx2wire set contains all components necessary to set up an Ethernet connection using a two-wire cable (telephone, coaxial, bell wire, Cat. 7).</p> <p>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 at present.</p>	<p>Circuit board</p>  <ul style="list-style-type: none"> • 2x Mx2wire circuit board and housing 	<p>Panel frames</p>  <ul style="list-style-type: none"> • 6x white concave, convex and flat frames (two of each) 	<p>Front panels</p>  <ul style="list-style-type: none"> • 2x front panel 	<p>Surface-mounted Socket</p>  <ul style="list-style-type: none"> • 2x white surface-mounted socket 	<p>Accessories</p>  <ul style="list-style-type: none"> • 2x cavity socket • Mounting parts

Comparative Tables For The Transfer Rates Of Data And Power

Antenna or coaxial cable	Thickness	Length		
		50 m	100 m	500 m
	0.6 mm Inner conductor	Data: 30 Mbps PoE Class: 2	Data: 30 Mbps PoE Class: 1	Data: 30 Mbps PoE Class: keine

Telephone line/bell wire	Thickness	Length		
		50 m	100 m	200 m
	0.6 mm	Data: 30 Mbps PoE Class: 2	Data: 30 Mbps PoE Class: 1	Data: 25 Mbps PoE Class: keine
	0.8 mm	Data: 30 Mbps PoE Class: 2	Data: 30 Mbps PoE Class: 2	Data: 30 Mbps PoE Class: 1

Installation cable	Thickness	Length		
		50 m	100 m	200 m
	1.5 mm ²	Data: 30 Mbps PoE Class: 2	Data: 30 Mbps PoE Class: 2	Data: 25 Mbps PoE Class: 2

Network installation	Type	Length (Use of All 4 Wire Pairs: Combine 4x white and 4x colored and attach wire-end sleeves)		
		200 m	300 m	500 m
	Cat-7	Data: 30 Mbps PoE Class: 2	Data: 30 Mbps PoE Class: 2	Data: 30 Mbps PoE Class: 2

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.