

## Mx2wire



## Ethernet & PoE Via Two-Wire Cable

Using the new Mx2wire system from MOBOTIX, an Ethernet network with PoE can be established up to 500 meters using two-wire cables (e.g., telephone cable, bell wire). This means that, for example, an existing two-wire analog telephone cable can be used to connect a 10/100 MB Ethernet device (for instance, PC, WLAN, IP camera, IP telephone or IP door station). The data rate is up to 40 Mbps. For 500 m of bell wire, approx. 15 Mbps data is transferred. An (identical) Mx2wire device is required at both ends of the cable, and it automatically configures itself as either the sender or the receiver.

The two Mx2wire nodes are supplied via PoE from the network cable that feeds in. The connected devices are supplied with up to 8 watts via PoE, since in addition to the network signal, also the PoE signal that is fed in is transferred. Mx2wire is supplied in the standard socket frame in different designs, however, it can also be used with the surface-mounted socket provided.

### Wide Range Of Application Possibilities

Mx2wire can also connect a PC via an unused telephone cable or an antenna cable with an Internet connection. The set comprises two Mx2wire devices and costs 398 €. The system was developed by MOBOTIX, manufactured in Germany and is also used in the new IP door intercoms.