

## MDT IP Interface/IP Router, MDRC

Version		
SCN-IP000.03	IP Interface with IP Secure and Data Secure	2SU MDRC
SCN-IP100.03	IP Router with IP Secure and Data Secure	2SU MDRC

MDT technologies offers two KNX IP Interfaces to enable communication between PC and the KNX/EIB system.

**KNX IP Interface:** The IP Interface enables the communication between the PC and the KNX/EIB system via LAN. 4 simultaneous connections possible.

**KNX IP Router:** This interface offers the same functions as the IP Interface, but the device routes telegrams as a line/area coupler using the the LAN.

Functions:

- 4 simultaneous connections possible
- Programming the KNX bus via TCP/IP
- **Power supply by KNX bus, no external bus power supply required**
- **Encrypted transmission at sending emails**
- **Time server functions to send time and date on the KNX bus**
- **Firmware can be updated**
- **Supports extended group addresses**
- **KNX IP Secure and KNX Data Secure (from ETS 5.72)**
- **Secure access to the KNX bus through IP Secure with security key**

The MDT KNX IP Interfaces are modular installation devices for fixed installation in dry rooms. They fit on DIN 35mm rails in power distribution boards or closed compact boxes.

For project design and commissioning of the MDT KNX IP Interfaces it is recommended to use the ETS. Please download the application software at [www.mdt.de/Downloads.html](http://www.mdt.de/Downloads.html)

SCN-IP100.03



SCN-IP000.03



- Production in Engelskirchen, certified according to ISO 9001
- To enable bidirectional communication between PC and the KNX bus TCP/IP
- 4 simultaneous connections possible
- Programming the KNX bus via TCP/IP
- **Power supply by KNX bus, no external bus power supply required**
- **Encrypted transmission at sending emails**
- **Time server functions to send time and date on the KNX bus**
- **Firmware can be updated**
- **Supports extended group addresses**
- **KNX IP Secure and KNX Data Secure (from ETS 5.72)**
- **Secure access to the KNX bus through IP Secure with security key**
- Quick application doenload (long frame support for ETS5)
- Integrated bus coupling unit
- 3 years warranty

<b>Technical Data</b>	SCN-IP000.03	SCN-IP100.03
<b>Interface</b>	Ethernet	Ethernet
<b>Specification KNX interface</b>	TP-256 with long frame support for ETS5	
<b>Available application software</b>	ETS 4/5	
<b>Secure functions available from</b>	ETS 5.72	
<b>Permitted wire gauge</b>		
KNX busconnection terminal	0,8mm Ø, solid core	0,8mm Ø, solid core
<b>Power Supply</b>	KNX bus	KNX bus
<b>Power consumption</b>	< 0,8W	< 0,8W
<b>Operation temperature range</b>	0 to + 45°C	0 to + 45°C
<b>Enclosure</b>	IP 20	IP 20
<b>Dimensions MDRC (Space Units)</b>	2SU	2SU

**Exemplary circuit diagram SCN-IPx00.03**

