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

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

MDT IP Interface/IP Router

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

Examplary circuit diagram SCN-IPx00.03