

Mifare Reader XMP-TMC450N/460N

Dear Sirs,

starting from the end of the 4th quarter 2005 a further development of the Mifare reader TMC-450N/460N makes it possible to read as well identification cards corresponding to the ISO15693 standard.

The TMC450N and the TMC2500-Mifare read head are characterized by following properties:

- Reading of contactless cards corresponding to **ISO14443A (Mifare)** or **ISO15693**
- Depending on the card types applied for the TMC450N reading distances of up to 10 cm can be reached, (used as read head for the TMC2500 up to 5 cm)

Standard properties:

- Acoustic interval signaling in case of unauthorized booking is adjustable (only TMC450N/460N)
- Identification via card combined with the input of an up to 7-digit PIN code (only TMC460N)
- PIN code input before or after booking adjustable (only TMC460N)
- Red and green LED as well as the buzzer can be manipulated via routine.
- Anticollision: several cards in the field will be read successively (only ISO14443A Mifare cards)
- An authorized card which is permanently present in the field can be logged within the IN attribute.
- Activation of the DATA/Clock interface via micro switch (only TMC460N, for the TMC2500 always active)
- The firmware can be downloaded using a second serial interface.

Some properties of the reader can be set using a parameterization card or a routine.

The following options can be set:

- Option: reading of sector-block-information (ISO14443A Mifare cards)
- Option: writing of sector-block-information (ISO14443A Mifare cards, only as TMC450N/460N)
- Hint: the setting of sector-block parameters for the readers / read heads is realized via routines or by parameterization card, for the TMC2500 read head only by parameterization card.
- Option: identification with card or only PIN code input (at least 4 digits) (only TMC460N)
- Option: serial number will be transmitted as hexadecimal value (standard is decimal)
- Option: reader alert active in case of sector-block-booking with card containing a wrong key.
- Option: the card information will be transmitted via the serial interface – also without communication to the door control unit (only TMC450N/460N).
- Option: possibility of writing badge information (only ISO14443A Mifare cards)

If you have any further questions, we are always at your disposal.

Yours sincerely,

Your AUTEC - Team

Errors and changes excepted.

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