

Product Datasheet

CF Reader

ext. antenna

Article No : TLP- 11



The TECTUS compact flash card reader is an integrated reader for 125KHz read and write transponders with an external antenna for a full integration inside industrial terminals. Rapid application development drivers for Windows and Windows CE are provided with the module.

The module supports most RFID 125kHz technologies. For full integration into industrial terminals, the TLP-11 has an external antenna with a 5cm cable length and connector. Using an optional adapter (CF $\longleftrightarrow$ PCMCIA) allows even the use in PCMCIA slot.

Frequency	125 kHz +/- 0.5% (at RT)
Antenna	External ferrite-coil antenna
Read Distance	Short range
Housing	Compact flash card type II
Dimensions	52 x 42 x 9 mm (2 x 1 ⁵ / ₈ x 1 ³ / ₈ inches)
Power Supply	Via CF slot
Operating Temperature	-20°C to +60°C
Transponder types	Read only EM4102 (Sokymat Unique) Read only ISO 11784 /5 (FDX-B) Read write 256 bits Hitag 2 /S Read write 264 bits e5555 (Q5) Read write 1024 bits EM4050 (Titan) Read write 2048 bits Hitag 1 /S
Features	• Very compact size • Tested upon others with Symbol, Intermec, Latschbacher, Gotive, Panasonic • Available as well with integrated antenna for integration into industrial hand-held terminals. • Comes with demo software TAS-40 for CE, PPC and .NET (ARM and MIPS) • Driver for PPC, CE, CE.net and PC available
Order Number	TLP-11.aa

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- ① **FLEXIBLE DATA FIELDS**
These data fields display the information related to the unique transponder identification number. The software stores a maximum of 10 different data relations in the database with a maximum of 15 characters per field. The headers of these fields can be changed in the HEADER CONFIGURATION.
- ② **ID FIELD**
Display of the transponder identification number.
- ③ **DATE FIELD**
Date and time of the last transponder reading.
- ④ **SIGNATURE FIELD**
This field is writable with the PDA pen and can be used for example as signature field. The visual information is electronically stored in the database.
- ⑤ **EXIT BUTTON**
Exit the program.
- ⑥ **INFORMATION BUTTON**
Program information.
- ⑦ **DATABASE BUTTON**
Database access.
- ⑧ **LANGUAGE BUTTON**
Change the language between English/German.
- ⑨ **HEADER CONFIGURATION BUTTON**
Configuration of the flexible data field headers.
- ⑩ **TRANSPONDER READ BUTTON**
Push this button for reading out the transponder (the transponder must be in front of the RFID reader head).
- ⑪ **CANCEL BUTTON**
Cancels all data in the display.
- ⑫ **WRITE BUTTON**
Saves the displayed information in the database or into the transponder.
- ⑬ **CLEAR SIGNATURE BUTTON**
Clears contents of the signature field.
- ⑭ **KEYBOARD BUTTON**
Displays the virtual keyboard.

The TAS-40 Software for CE; PPC and .NET 4.0; 4.1 powered devices is delivered free of charge with the TLP-1x reader products. It's database is limited to 10 entries. An open version is commercially available.

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