TWN4 upgrade card

Upgrade solution for ELATEC RFID readers and modules

TWN4 upgrade card
(exemplary illustration)

ELATEC RFID devices can be delivered in different configurations that support more or fewer transponder technologies. Depending on the device (i.e. single- or multi-frequency reader, NXP or LEGIC frontend), a standard configuration can usually support more than 60 RFID technologies, like MIFARE Classic or LEGIC Advant. In addition, a reader can even be delivered ex-works with further ELATEC own options, also called functional extensions. Thanks to these options, the reader can support additional RFID technologies and, thus, offers a quick and significant added value for the customer without generating high expenses or time delays. But what if a customer ordered an ELATEC reader in standard configuration and now needs a reader able to support further technologies? To offer maximum flexibility to customers, ELATEC has added a new tool to the TWN4 product family: the TWN4 upgrade card.

On the one hand, customers can be offered the exact solution they need (e.g. a standard configuration, a reader with P option, etc.) and avoid delivering underqualified or overqualified products, while ensuring product longevity with the possibility of easy upgrades in the field.

On the other hand, you can reduce your own complexity by simplifying inventory, while simultaneously increasing flexibility through customized products. With the TWN4 upgrade cards, ELATEC RFID readers and modules can now be “reconfigured” to support additional technologies immediately and without the need for additional tools or special know-how. Customers can upgrade in-field readers in an easy, cost- and time-effective way. Optimized costs and inventory management, additional flexibility for customers, quicker time-to-market, and extra level of support – the advantages of TWN4 upgrade cards are clear and numerous.

Special features:

+ Cost- and time-effective reader upgrade, for readers in-field and in stock
+ Additional flexibility for customers
+ Enhanced support offer for the user
+ Customer-specific versions available on request
+ Special kits with processors enable a license activation without the use of a SAM socket

TECHNICAL DATA

SUPPORTED OPTIONS AND TRANSPONDERS	Depending on the firmware version and installed options, ELATEC readers and modules can support a wide range of RFID technologies. Please refer to the relevant ELATEC transponder matrix (available at www.elatec-rfid.com/int/transponder-technology) for more information about the available options and RFID technologies supported by the ELATEC RFID readers and modules.
ORDER VOLUME	5, 10, 25 or 100 licenses Upgrade cards for the I and PI options include the respective number of processors (either 5, 10, 25 or 100 processors), which are important for the license activation.
PREREQUISITES	• Upgrade cards can only be used with TWN4 products with an active HF interface. For further information, please check out the documentation in the DevPack or contact ELATEC. • Upgrade card with at least one remaining license. • TWN4 reader/module with bootloader version 1.05 or newer. • PC with DevPack 3.12b or newer (DevPacks available on the ELATEC website). • The search function for upgrade cards must be enabled on the reader. Refer to the *TWN4 Upgrade Card User Guide* (available in the "Docs" folder of your DevPack) for detailed information. • The search function for upgrade cards is set as default on all ELATEC RFID readers and modules with firmware version 3.13 or newer. • Upgrade cards can be used with eligible products. Check product compatibility before use. For instance, RFID readers of the TWN4 Slim series cannot be upgraded with plug-in HID iCLASS SE processors.
ORDER CODES	**TWN4 upgrade cards for P option** TP-IHNS80-PUPG5 5 licenses TP-IHNS80-PUPG10 10 licenses TP-IHNS80-PUPG25 25 licenses TP-IHNS80-PUPG100 100 licenses **TWN4 upgrade card kits for I option (incl. plug-in HID iCLASS SE processors)** TPK-UPGSC-I5 5 licenses, incl. 5 processors TPK-UPGSC-I10 10 licenses, incl. 10 processors TPK-UPGSC-I25 25 licenses, incl. 25 processors TPK-UPGSC-I100 100 licenses, incl. 100 processors **TWN4 upgrade card kits for I option (incl. HID iCLASS SE micro-processor chips)** TPK-UPGSP-I50 50 licenses, incl. 50 processors **TWN4 upgrade card kits for PI options (incl. plug-in HID iCLASS SE processors)** TPK-UPGSC-PI5 5 licenses, incl. 5 processors TPK-UPGSC-PI10 10 licenses, incl. 10 processors TPK-UPGSC-PI25 25 licenses, incl. 10 processors TPK-UPGSC-PI100 100 licenses, incl. 10 processors **TWN4 upgrade card kits for PI options (incl. HID iCLASS SE micro-processor chips)** TPK-UPGSP-PI50 50 licenses, incl. 50 processors

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