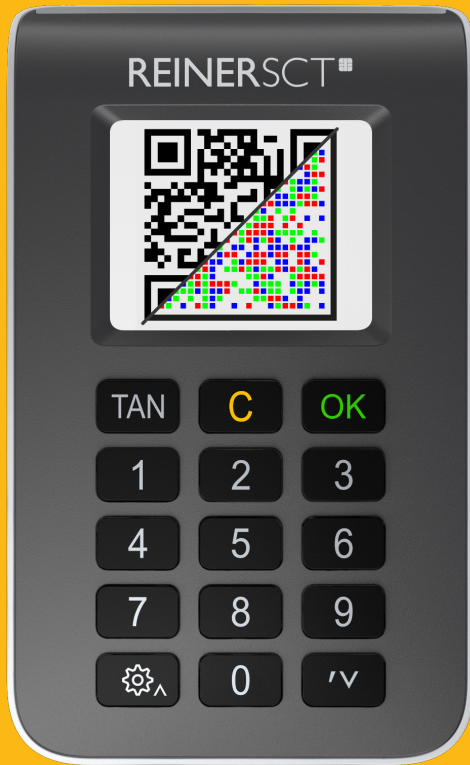


# tanJack® photo QR

The TAN generator for Sm@rt-TAN photo and chipTAN QR



## Data sheet

Like a hybrid vehicle, the tanJack® photo QR supports two systems in one device which is why it is often called “the hybrid reader”.

The tanJack® photo QR can be used for Sm@rtTAN photo and chipTAN QR in convenient online banking.

In online banking a colour matrix code is displayed with Sm@rtTAN photo and a QR code with chipTAN QR which is photographed with the TAN generator. After checking the transaction data, a TAN is then generated. Both methods are very safe and proven for many years.

The high-quality keypad, the lightning-fast detection of the code and the harmonious design are distinctive features of this new TAN generator.

This TAN generator incorporates the same high quality and longevity that one is used to from REINER SCT.

Thanks to the use of three conventional AAA batteries and the very energy efficient electronics, the device has a life expectancy of up to 5 years with one battery set.

## The highlights

- TAN generator for Sm@rt-TAN photo and chipTAN QR
- Very fast detection of colour matrix and QR codes
- Excellent design
- Test verdict “very good”
- High-quality keypad
- Rich contrast, illuminated colour display
- Important data are specially highlighted
- For use on smart phone, tablet, notebook or desktop
- Up to 5 years operating time with one set of batteries
- Security made in Germany



Further information under: [reiner-sct.com/tanjackphotoqr](http://reiner-sct.com/tanjackphotoqr)

## Technical data | tanJack® photo QR

### Category and function

Chip card reader category	Mobile TAN generator according to Secoder / chipTAN QR / colour matrix code specification of the Deutsche Kreditwirtschaft (DK)
Supported interfaces in the TAN process	<ul style="list-style-type: none"> <li>• QR code according to DK chipTAN QR / HHD<sub>QR</sub></li> <li>• Colour matrix code according to DK HHD<sub>FM</sub></li> <li>• Manual process according to chipTAN</li> </ul>
Supported versions	HHD <sub>QR+FM</sub> : 1.3.2, 1.4 / 1.5 chipTAN: 1.1, 1.2 with AMS
Supported card types	Cards with contact chip according to ISO/IEC 7816
Menu functions	Reader (identification), setting (including battery status), User PIN, bank card

### Smart card interfaces

Supported chip cards	SECCOS bank cards of the DK as of version 6.x with TAN application
Supported voltages for chip cards	ISO 7816-3 Type B (3.0 V)
Chip card protocols	T=1
Contact unit	8 gold-plated precision contacts – ISO positioning

### Keyboard, camera and display

Numerical keys/function keys /special keys	10/3/2 rubber-coated keys
Camera	CMOS colour camera with OmniPixel3-HSTM technology, aperture angle: 57°
Operating display	By TFT colour display
Display	1.77 inch TFT colour display 128 x 160 pixels
Display sector	36 x 29 mm

### Hardware properties

Power supply	3x alkaline-manganese batteries, size: AAA / IEC LR03, replaceable, with reverse polarity protection
Battery life	approx. 5 years (basis for calculation: 500 TANs per year, the actual life depends on the respective time and type of use and the ambient conditions)
Card insertion	from above
Housing colours (standard)	grey/white; red/white; blue/white
Special colours, customised printing	✓ on request, minimum order quantity
Housing dimensions (L x W x H) approx.	102 x 62,5 x 19 mm
Packing dimensions (L x W x H) approx.	103 x 64 x 21,5 mm
Weight of single unit (without packaging/with packaging)	92 g / 102 g
Ambient temperature storage/operation	-10 °C - 50 °C / 0 °C - 50 °C
Permissible humidity	Max. 90% no condensation
Vibration	10 - 75 Hz; 10 m/s <sup>2</sup> (ISO/IEC 60068-2-6)
Drop test	1 m (DIN EN 60068-2-31)

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## Technical data | tanJack® photo QR

### Security/certifications

Firewall function for chip card communication	✓
EMVCo Level 1 tested	✓
Conformity	CE, WEEE-Reg.-Nr. DE89738751, RoHS2, BattG

### Order data/service/accessories

Product name	tanJack® photo QR
REINER SCT article number	2 708 014-000 anthracite with REINER SCT logo 2 708 014-200 blue with VR logo (only for sale to VR banks)
EAN-Code	4011170083935 anthracite with REINER SCT logo 4011170083966 blue with VR logo (only for sale to VR banks)
Device packing	Four-colour printed single box with quick guide inside
Scope of supply	tanJack® photo QR with 3x AAA batteries, quick guide inside the product packing
Warranty	2 years (no warranty on batteries)
Support	Free and proven online support under: <a href="https://reiner-sct.com/support">reiner-sct.com/support</a> and chargeable telephone support at: +49 (900) 1001-368*
Design and development	Germany



Sm@rtTAN photo is in use at the German Volks- und Raiffeisen banks as well as other cooperative banks in online banking.



chipTAN QR is being used since the end of 2018 by the Sparkassen Finance Group as a new and innovative process in online banking.

\*1.50 EUR / per minute from the German fixed network. Mobile phone prices can vary.  
The term "QR Code" is a registered trademark of Denso Wave Incorporated. CRONTO enabled.

**Further information under:** [reiner-sct.com/tanjackphotoqr](https://reiner-sct.com/tanjackphotoqr)