

# REA Scancheck 3

## BAR CODE VERIFIER

**ISIS**  
integration

### The best in class just got better

The REA ScanCheck 3 is a universal high performance bar code verifier which meets to ISO standards. It produces reports which allow to proof that quality agreements are fulfilled. Automatic size determination provides easy use and user independent verification. The measuring system is based on a laser scanner system adapted to the requirements for verification. This technique leads to contactless measurements. The power supply is provided by standard AA rechargeable batteries. This allows fully portable operation. The REA ScanCheck 3 supports German and English. Other languages can be added by the aid of a translation tool. For quick and ergonomic operation the REA ScanCheck 3 is equipped with a large colour display and a powerful 32bit CPU.

Reports can be stored locally or saved on a PC using a USB/Network device and REA TransWin32 software. Additionally the REA ScanCheck allows connecting a portable battery powered report printer. The REA ScanCheck 3 includes always a GS1-128 data content checker with no extra price..

### Hardware options

- Report printer REA TD-GPT-U

The portable thermal printer is connected by an USB cable to the REA ScanCheck 3. The printer has its own power supply by using an internal rechargeable battery pack. The printer uses 57 mm wide thermal paper. The paper roll is fixed inside and cannot fall out while using the printer portable. The printer is able to print the scan reflectance profile.

- 20 mil Adaptor

To be able to measure large codes like ITF-14 or other codes on transport labels the measuring aperture can be increased to 20 mil by the aid of the 20 mil adaptor.

- Lengthening plates

As positioning aid and in order to keep labels in the correct distance and angles there are two different lengthening plates available. The plates are mandatory for curved surfaces and objects with no space to position the REA ScanCheck 3 correctly. These plates can be easily exchanged by a snap-in mechanism.

Here shown with hands-free stand  
(Designed and manufactured by Isis)



### Powerful, portable verifier

- Meets ISO/IEC 15416 and incorporates optional parameters
- Designed to verify high and low density bar codes
- Powered by rechargeable batteries to ensure portability
- Automatic bar size determination and verification
- Short information Good, Warning or Fail by red, yellow or green lights
- Large colour display for ergonomic use
- Powerful 32bit ARM9® CPU
- Contactless measurement by laser scanner technology
- Easy software update by Flash-ROM technology
- Software option upgrade by access codes
- Password protection for setup
- Multilanguage user interface
- Auto discrimination of major bar codes
- Order number assignment
- Memory for 500 reports, provided by a MMC Card
- Full analysis to ISO, ANSI and CEN standards
- Additional analysis of optional parameters including a detailed metric evaluation
- Selectable PCS evaluation for best and worst contrast case
- Optional parameters can be graded, viewed non-graded or disabled
- Averaging of up to ten scans. Count of non decoding scans in average measurement
- Automatic size measurement and verification
- Verification of light margins
- Wide to narrow ratio measurement for two bar-width bar codes

## Software options

- Optional symbologies  
Additional bar code symbologies. Special codes for i.e. health industry and for parcel services.
- REA TransWin32  
A data capture program for Windows PCs. This enables the verification reports to be displayed, saved and printed on a PC. Additionally the REA ScanCheck 3 can be remotely configured by TransWin32. REA TransWin32 is designed for PCs with Windows 2000, XP and VISTA.
- REA Article Look Up  
This option allows an article description to be shown on the display of the REA ScanCheck 3. Each article can be assigned with price and date fields. The date fields will be compared with the date in a GS1-128 bar code. If the encoded date is outside of the range specified in the Article Look Up the REA ScanCheck 3 will show an error message. This function is very useful to extend bar quality control with the verification of data like "best before use".
- Comparator  
This option allows the comparison between a master code and the verified codes. If the verified code content is not identically with the preset, the REA ScanCheck 3 shows an error message.

## REA Scancheck 3 specifications

CPU:	ARM9 ® 32bit, 180MHz
Operating System:	ElinOS
Memory:	FlashROM: 16MB, RAM 32MB, 512 MB MMC card
Light source:	Laser Class 2, 670 nm
Modulation:	5 MHz
Scan speed:	approx. 45 Scans /s
Aperture:	selectable 6, 8, 10 and optionally 20 mil
Laser security:	EN 60825
Evaluations:	According to ISO/IEC 15416, ANSI X3.182 and symbologies standards
Software Options :	Comparator, Article Look Up, TransWin32, optional codes
Symbologies:	EAN-13, UPC-A, UPC-E with/without ADD-ON, EAN-8, 2/5 Interleaved with/without check code, ITF-14, Frachtpost, Code 39 with/without check code, PZN, Code 32, Code 128, GS1-128 with/without check of content, new: GS1-Databar
Optional symbologies:	2/5 3 Bars, 2/5 5 Bars, 2/5 IATA, 2/5 Baggage, 2/5 DHL Express (Frachtpost-Code), Code39 Full ASCII, Code93, MSI, Plessey, Code128UPU, Code39UPU, Code39HIBC, Code128HIBC, Codabar Monarch (18), LAETUS Pharmacode, LAETUS MiniPharmaCode
Interfaces:	Printer via USB socket, type A
PC-connection by 6-pin:	STEWART Compu-Shield plug
Batteries:	4 x 1.2 V / 2.700 mAh, NiMH, rechargeable, type AA
Power supply:	DC 9 Volt / 0,5A operating / 3A max charging included
Display:	Colour TFT Display, 320 x 240 Pixel, graphics
Keyboard:	21 Keys
Housing:	Aluminium, black painted
Temperature:	Operation 0° C - +40° C Storage -20° C - +70° C
Humidity:	max. 80 % relative, notn-condensing
Size:	222 x 85 x 134 mm (L x W x H )
Weight:	1.115 g, including batteries
Maintenance:	monthly calibration required

*Specifications are subject to change without notice*



35 Monree Hill  
Donaghcloney  
Co. Armagh  
BT66 7GY

Tel/Fax: +44 (0) 28 3882 0733  
Mob: +44 (0) 78 8903 8101  
Email: sales@bhtservices.com