REA VERIFIER

QUALITY CONTROL DEVICES
FOR MATRIX- AND BARCODES

REA VeriPad

Mobile Quality Control Device
for 2D Matrix- and Barcodes

REA VeriPad

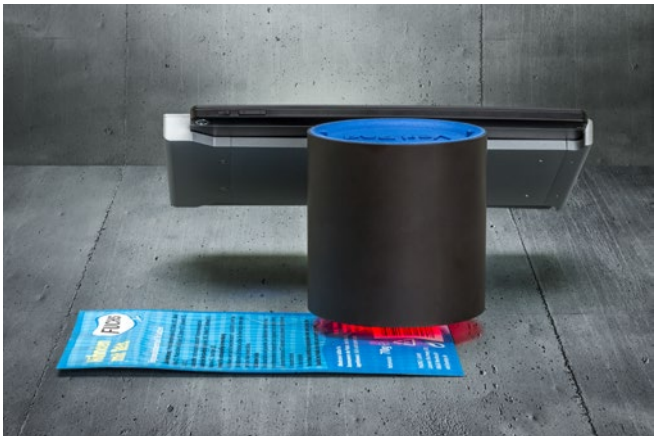
The REA VeriPad is worldwide the first mobile verification device for 1D and 2D codes which is operated via a 9.7“ touch tablet.

The REA VeriPad is wireless and can be used flexibly and mobile. It allows full independence for measuring in almost any environment. For verifying barcodes and data matrix codes fast and reliably, the REA VeriPad is equipped with a state-of-the-art and precise measuring optic, a 9.7” touch screen and the proven REA TransWin 32 reporting software.

The measuring optic is rotatable up to 180°. This allows an optimal focus on the code to be verified. Measuring can be realized on flat and shaped bodies. For achieving a successful code verification, the measure optic has to rest right on the code without a gap in between.

Controlling and reporting is realized via a modern and intuitive Windows 10 Tablet. USB interfaces allow for connecting of accessories such as keyboard, mouse or external thumb drives.

The REA VeriPad is a future-proof, mobile all-in-one solution – there is no desktop PC necessary anymore.



Features

- Contact-free measurements by a CMOS camera
- Capable of measuring DPM codes (direct part marking)
- Designed to operate in 3 positions to meet different measuring requirements: sidewise, in upright position and upside down
- Darkened measuring chamber to avoid ambient light influences
- Verification according to ISO/IEC 15415 for printed matrix codes
- Verification according to ISO/IEC TR 29158 (formerly AIM DPM guideline 2006) for direct part marking matrix codes
- Verification according to ISO/IEC 15416 or ANSI X3.182 for barcodes
- Verification in compliance with GS1 specifications
- Verification of GS1-128 data structures
- Verification of optional parameters for optimizing the print process
- Multilingual user interface and reports
- For ease of use, settings can be stored in customized profiles for fast selection
- ISO/IEC 15418 / ANS MH10.8.2 data structure analysis
- Specific code selection to meet the pharmaceutical industry demands

Code Types

Matrix Codes (2D):

Data Matrix, DPM-Matrix Codes, QR-Code, MicroQRCode, Aztec Code, PDF 417, more under development

Barcodes (1D):

EAN-13, UPC-A, UPC-E with/ without ADD-ON, EAN-8, 2/5 Interleaved, ITF-14, freight code, Code 39, PZNCode, Code 32, Code 128, GS1-Databar, GS1-Data-bar Composite

Optional Codes:

2/5 3 Bars, 2/5 5 Bars, 2/5 IATA, 2/5 Baggage, 2/5 DHL Express (freight code), Code39 Full ASCII, Code93, MSI, Plessey, Codabar Monarch (18), LAETUS Pharmacode, LAETUS Mini Pharma Code

Data structures and properties:

- GS1 data structures (GS1 Data Matrix, GS1-QR-Code, GS1-128, GS1 Databar, Composite)
- ISO/IEC 15418 / ANS MH10.8.2 data structures (AIAG, Odette, VDA, EDIFICE, HIBC, DOD, UPU ...)
- EFPIA and PPN support for pharmaceutical industry
- Check digit control settings
- Size control settings
- Customizable date verification

Technical Data

Focal length	Field Of View (FOV)	Typical X-dimension	Minimum X-dimension	Pixel size
7.5 mm	40 x 24 mm mm	0.155 mm	0.085 mm	15.5 µm

- Measuring accuracy compliant to ISO/IEC 15426-2 and ISO/IEC 15426-1
- Red LED light 660 nm or white LED light 4.000 ºK
- Illumination angle 45º, red or white light
- Camera focus and aperture pre-adjusted by factory
- Operation system: Windows 10
- Display: 10” 1280 x 800
- Memory: 32 GB program memory, 2 GB internal memory, 32 GB data memory (external thumb drive connectable)
- Camera: 5 Mpix Monochrome
  Image scale: 40 x 24 mm
  Objective: 5 Mpix F2.5 7.5 mm
- Illumination: red 660 nm, white 4500 K
- Hub: 2 x USB A
- Charging plug: 1 x Micro-USB 2.0, alternatively 1 x USB C
- Charging unit: 100/240 V AC Output 5.0 V 2000 mA DC
- Size: 290 x 120 x 260 mm
- Weight: 1.600 g

REA VERIFIER

GS1 Germany | Solution Partner REA Elektronik GmbH

aim GERMANY | Advancing Identification Matters

made in Germany

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