

EP1502002 eLogg App

For data logger PD60

- Read - Check - Change - Write of the object data directly on the object
- During data entry, all data is checked for admissibility (according to the ESD standard 61340-
- Recording and storage of up to 8 measuring points of an object.
- Visual identification using product images
- Transfer of the data as a CSV file via USB, Bluetooth or W-LAN to a host (data export and data import function)
- Simple and intuitive operation
- Clear user interface
- Can be ported to other RFID technologies



Read - Check - Change - Write

Inventory management must be quick and easy. The object with the transponder is automatically recorded and the transponder is read out with all the data. Thanks to the simple user interface, checking or changing the data is quick and easy.

NORM-compliant, with error message function

The data or measured values are checked for their admissibility within the ESD standard while they are being recorded or changed. If the value is outside the valid range, a visual warning is issued.

Clarity through photos

In addition to the pure data and measured values, the app can also be used to create and save photos of the objects. This makes it easier to identify the inventory item on site.

Data exchange

Depending on how the reader is equipped, data can be transferred to a PC, server or cloud in a variety of ways. Data can be transferred via USB, Bluetooth, W-LAN or even GMX. The universal CSV data format ensures import and export to almost all applications and databases.



Simple and intuitive programme guidance

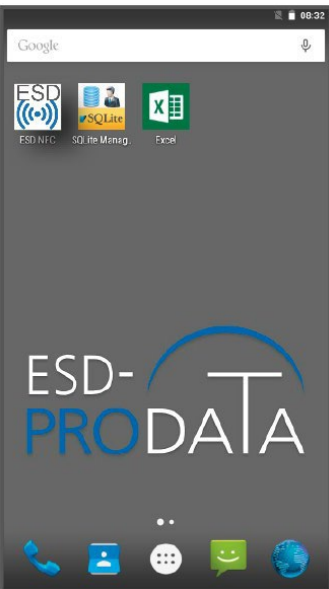
You control it just like on your mobile phone – simply by tapping. Scrolling, field selection and programme functions are quick and easy to operate using the touch screen.

Clear user interface

A clear and concise user interface requires no familiarisation time.

- Read data...
- View / change data...
- Write data...

... is reduced to a minimum with only 2 keypads. Even without starting the programme, the device is automatically in search mode in the background and will start the application automatically when a transponder is detected.



Portable to other RFID standards

The app was developed using the JAVA programming language and works with NFC transponders on 13.56MHz. With the appropriate SDK kits, eLogg can be ported to other systems such as:

- LF 125kHz - 135 kHz
- HF 13.56MHz
- UHF 860 MHz - 960 MHz

Expansion of functional scope

In addition to the basic data and measured values of the item, up to 3 additional measuring points can be recorded and managed. For example for

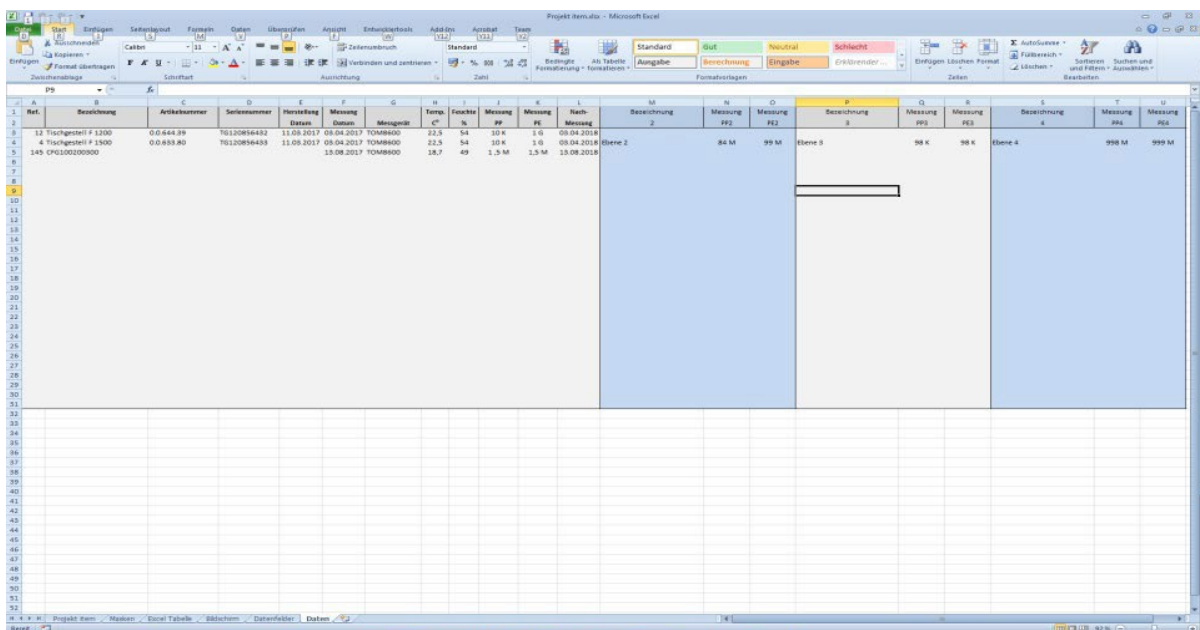
- additional shelves or levels
- additional holders for storage or sorting bins

Text Screen	Example
Description:	Tischgestell 4 E 1500 120V
Article number:	0.0.648.23
Serial number:	12345678910
Manufactured:	21.03.2017
Date of measuring:	10.07.2017
Test equipment:	TOM8600
Temperature C°:	22,17
Humidity %:	23,84
Measurement PP:	10 kOhm
Measurement PE:	10 kOhm
Re-measurement date:	10.07.2018
Measurement 2:	Fachboden oben
Measurement PP:	1 GOhm
Measurement PE:	1 GOhm
Measurement 3:	Fachboden Mitte
Measurement PP:	10 kOhm
Measurement PE:	1 GOhm
Measurement 4:	Ersatzteilstender
Measurement PP:	10.0 kOhm
Measurement PE:	1.89 GOhm
Picture reference:	2

The tables are simple, structured and clearly laid out. The user recognises all important and relevant data at a glance.

Values outside the standard are highlighted for a better overview.

Centralised management of all data in Excel or other databases is quick and easy thanks to the .CSV data exchange format.



eLogg APP

The intuitive software for user-friendly recording and management of your ESD inventory



ESD equipment such as ESD tables or ESD chairs are measured and checked at intervals in accordance with DIN 61340 with regard to their ESD conformity. The inventory is usually recorded and managed by attaching a barcode to the objects and centralised management in a database. Identification and scanning on site, at the objects, is usually cumbersome to handle with barcode readers and laptops. eLogg starts right here and builds on RFID technology.

*** Translated with www.DeepL.com/Translator (free version) ***

Advantages of RFID technology compared to barcodes:

- Contactless identification (also possible without visual contact)
- Penetrates various materials such as cardboard, wood, etc.
- Any reading and writing of the memory
- Identification in less than a second
- Simultaneous detection of many transponders through bulk detection
- Resistant to environmental influences
- The shape and size of the transponder can be customised as required
- Transponders can be fully integrated into the product
- High security through copy protection/encryption
- The RFID chip is a data memory on which product data can be stored. No redundant database is required to obtain initial information.
- The detection of RFID-equipped objects is more than twenty times more than twenty times faster than barcodes.
- It is possible to read an RFID tag even if it is extremely dirty
- The positioning of the object to be detected is less problematic than with barcodes. It is sufficient for the object to be located within the reading distance of the detection unit.



RFID transponders are available in many designs and sizes, customised for every purpose.

However, the unbeatable advantage over centralised barcode management is that all data is stored on the RFID transponder at the object and thus "married" to the object.