BATTERY-LESS UHF-BAND

E-Paper TAG

Driven by quality.

Paperless - for the sake of the environment

E-PAPER TAG

All the advantages of an RFID tag combined with the visibility of information on paper.

By combining RFID technology, which automates the reading/writing of data, with paper documents, as used daily in intralogistics, processes become paperless and efficient. In addition, the solution visualises at any time how many products are in the manufacturing and distribution process.

Easy visualisation

With the RFID e-Paper Tag, the contents of a box or container are reproduced visually and digitised. This allows inventory to be tracked smoothly along the manufacturing and supply chain.

Automatic labelling

Automatic labelling and data storage of the e-Paper Tags, e.g. during picking, eliminates the need for additional paper documents and/or labels.

Eco-friendly and time-saving

With the reusable e-Paper Tags, paper consumption is reduced to a minimum. The integrated RFID technology ensures more efficiency. The e-Paper Tag also runs without a battery.

STRUCTURE OF THE E-PAPER TAG

Visible information
The display of the e-Paper Tag can show all the information that would usually be printed on a paper label including 1D and 2D barcodes.

Hidden information
During set-up, each e-Paper Tag must be set to receive a unique ID. This is used to locate the labelled box or container and its contents.

SPECIFICATIONS

Specification		
Tag Communication Method		UHF
Frequence Range		Varies by country
Display	Size (Resolution)	2,9" (296 x 128)
	Colour	Text: Black Backlight: White
Writing / Reading Distance *1	Inventory	160 cm
	Update Image	40 cm
Reusable (Lifetime)		1.000.000 times
Memory *2		EPC (UII): 480 bit (60 byte) User area: 61.440 bit (7.860 byte)
Protection rating		IP54
Dimensions		103 x 46 x 6,6 mm
Weight		Approx. 35 g

*1 This is a test value. The distance varies depending on the manufacturer of the RFID scanner. The test value was determined under room temperature conditions and is not guaranteed
*2 The user can use 32,768 bits (4,096 bytes) when updating the image.

COMPATIBLE WITH

- RFID Reader - SP1
- RFID Reader + Antenna - UR40

Manufacturer:

Netronix Inc.

Distributed by:

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