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RE-294 NFC

2.9 inch E-paper + NFC + LED

The RE-294 is the next generation ESL with integrated NFC, LED and rechargeable battery, allowing it to be used without being connected to a power rail. Perfect for dynamic customer interaction in stores and for payment purposes.

Floor Cleaner Ocean Breeze, 1L
3454398789876

3 for €5

Bio sunflower oil
1 LT
1.29 PER LT
DISCOUNT
1.29 -30%
1.29
100646 7
0718265811522

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RE-294 PN:14603

Highlights

- Rechargeable ESL which can be used stand alone enabling great flexibility in the store and hospitality area
- Recharging via external rail system, for more information, check the accessories brochure of the PE-range
- Enables on-demand, real-time pricing, promotions and product information
- Reduces waste and labor costs and minimizes errors
- Integrated NFC chip allowing various payment methods
- Incorporates RGB LEDs and sound feedback to attract attention
- 100% display content flexibility and centralized administration of all devices and content via the Opticon ESL Server Software
- High contrast display allows scanning of barcodes off the display using a standard barcode scanner
- Display can be remotely updated via bidirectional communication using the Opticon Base Station
- A wide variety of secure, durable and esthetically pleasing display shelf mounting options and accessories for in-store shelving are available
- Extremely low power consumption
- 2.4 Ghz, 802.15.4 based protocol

RE-294
Product Specifications

Operation
CPU: 8-bit MCU
Clock frequency: 32 MHz

Memory
Internal ROM: 256 KB
Internal RAM: 8 KB

Operating indicators
Number of LEDs: 6
Buzzer: programmable frequency and volume

Communication
Range: typical 25 meter indoor; 100 meter open-field
Radio frequency: 2.4 GHz (2405 - 2480 MHz)
Radio transmission speed: up to 250 kbps
Protocol: IEEE 802.15.4 based
No. of RE-294 ESL's per base station: 1,500

Power
Power supply: dedicated power rail, 12V
Max operating current: max 80mA at 12V per label, while charging empty battery
Battery: rechargeable, 135mAh Li-ion
Battery charging time: approx. 1 hour
Battery lifetime when fully charged: depending on type of use. Almost 24hrs with NFC on and LEDs blinking when tapped.

Display
Size: 2.9'', 296 x 128 pixels (WxH), black and white
Active area: 66.9 x 29.06 mm (WxH)
Pixel Pitch: 112 dpi

NFC
Frequency: 13.56MHz
Protocols: ISO/IEC 14443A/MIFARE/NTAG

Durability
Temperature in operation: 0 to 40 °C / 32 to 104 °F
Temperature in storage: -20 to 60 °C / -4 to 140 °F
Humidity in operation: 20 - 85% (non-condensing)
Humidity in storage: 20 - 85% (non-condensing)

Physical
Dimensions (WxHxD): 92.3 x 42.2 x 11.3 mm / 3.63 x 1.66 x 0.44 in
Mounted on a dedicated power rail: 12.1 mm thickness
Weight: Ca. 33.2 g / 1.17 oz

Regulatory & Safety
Product compliance: FCC, RoHS, EN 60950-1, IEC 60950-1, EN55022, EN55024, WEEE

Accessories
For dedicated and universal accessories, check online the Accessories brochure of the PE-Range.

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www.opticon.com