# Electronic Shelf Label Series



# 1.8" Dot Matrix EPD Graphic Screen ESL

ZKC18B

PRODUCT DATASHEET

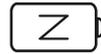# PRODUCT FEATURES

| | | | | | |
|---|---|---|---|---|---|
| Cloud-managed | EPD screen | Pricing in Seconds | 3-year Bettery | Strategic Pricing | Bluetooth LE 5.0 |

# TECH SPECIFICATION

EXAMPLARY PICTURE

TECHNICAL DRAWINGS (mm)



9.9

4.8

36.9

54.2

Lemon juice
1.5L    2 FOR 1
€ **2.09**
0.13€/L
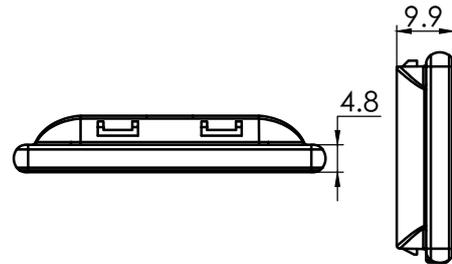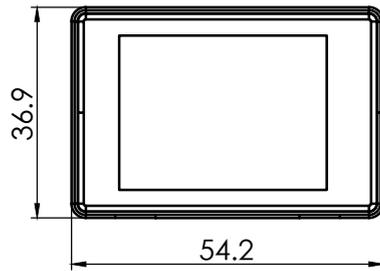
## Display Features

| | |
|---|---|
| **Display Technology** | EPD |
| **Active Display Area(mm)** | 36.05*27.05 |
| **Resolution（Pixels）** | 224*168 |
| **Pixel Density ( DPI )** | 158 |
| **Pixel Colors** | ZKC18B:Black White Red |
| | ZKY18B:Black White Yellow |
| **Viewing Angle** | Nearly 180º |
| **Usable Pages** | 6 |

## Wireless

| | |
|---|---|
| **Operating Frequency** | 2.4-2.485GHz |
| **Standard** | BLE 5.0 |
| **Encryption** | 128-bit AES |
| **OTA** | YES |

## Battery

| | |
|---|---|
| **Battery** | 1*CR2450 |
| **Battery Life** | 3 years（4 updates/day） |
| **Battery Capacity** | 600mAh |

## Physical Features

| | |
|---|---|
| **LED** | 1xRGB |
| **NFC** | ZKC18B-N   Yes |
| | ZKC18B       No |
| **Operating Temperature** | 0~40℃ |
| **Dimensions** | 54.2*36.9*9.9mm |
| **Packaging Unit** | 400Labels/box |

## Compliance

| | |
|---|---|
| **Certification** | CE,ROHS,FCC |