



OKRA Technologies

# Electronic Shelf Label Series

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## 2.9" Dot Matrix EPD Graphic Screen ESL

OKC29B-E4

PRODUCT DATASHEET

# PRODUCT FEATURES



Cloud-managed



EPD screen



Pricing in Seconds



5-year Battery



Strategic Pricing

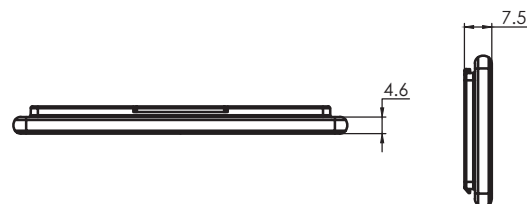
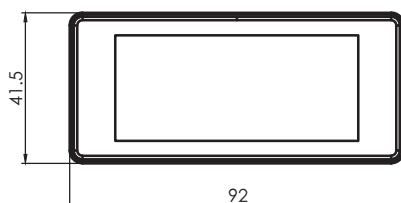


Bluetooth LE 5.0

## TECH SPECIFICATION

EXAMPLARY PICTURE

TECHNICAL DRAWINGS (mm)



### Display Features

|                                |                        |
|--------------------------------|------------------------|
| <b>Display Technology</b>      | EPD                    |
| <b>Active Display Area(mm)</b> | 66.9×29.06             |
| <b>Resolution (Pixels)</b>     | 296X128                |
| <b>Pixel Density ( DPI )</b>   | 112                    |
| <b>Pixel Colors</b>            | Black White Red Yellow |
| <b>Viewing Angle</b>           | Nearly 180°            |
| <b>Usable Pages</b>            | 6                      |

### Wireless

|                            |              |
|----------------------------|--------------|
| <b>Operating Frequency</b> | 2.4-2.485GHz |
| <b>Standard</b>            | BLE 5.0      |
| <b>Encryption</b>          | 128-bit AES  |
| <b>OTA</b>                 | YES          |

### Battery

|                         |               |
|-------------------------|---------------|
| <b>Battery Life</b>     | Up to 5 years |
| <b>Battery Capacity</b> | 600mAh        |

### Physical Features

|                              |                                 |
|------------------------------|---------------------------------|
| <b>LED</b>                   | 1xRGB                           |
| <b>NFC</b>                   | OKC29B-E4-N Yes<br>OKC29B-E4 No |
| <b>Operating Temperature</b> | 0~40°C                          |
| <b>Dimensions</b>            | 92*41.5*7.5mm                   |
| <b>Packaging Unit</b>        | 250 Labels/box                  |

### Compliance

|                      |             |
|----------------------|-------------|
| <b>Certification</b> | CE,ROHS,FCC |
|----------------------|-------------|