

# Electronic Shelf Label Series

---




---

## 2.13" Dot Matrix EPD Graphic Screen ESL (Freezer)

ZK21SF

### PRODUCT DATASHEET

# PRODUCT FEATURES




Cloud-managed




EPD screen




Pricing in Seconds



5-year Battery




Strategic Pricing



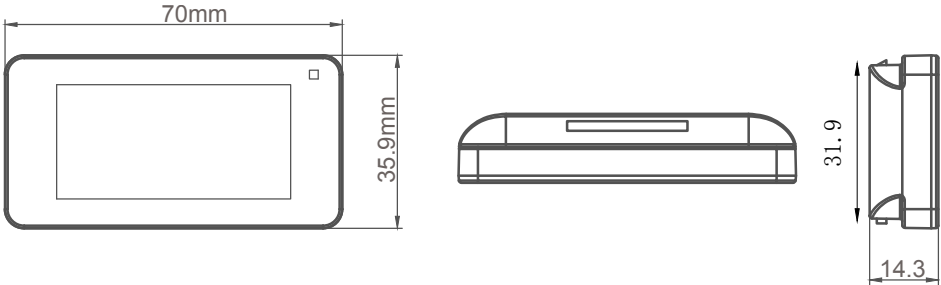
Bluetooth LE 5.0

# TECH SPECIFICATION

EXAMPLARY PICTURE



TECHNICAL DRAWINGS (mm)



|                  |                         |                              |
|------------------|-------------------------|------------------------------|
| Display Features | Display Technology      | EPD                          |
|                  | Active Display Area(mm) | 48.55*23.7                   |
|                  | Resolution (Pixels)     | 212*104                      |
|                  | Pixel Density ( DPI )   | 110                          |
|                  | Pixel Colors            | ZK21SF：Black and paper white |
|                  | Viewing Angle           | Nearly 180°                  |
|                  | Usable Pages            | 6                            |

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

|         |                  |                         |
|---------|------------------|-------------------------|
| Battery | Battery          | 2 X CR2450              |
|         | Battery Life     | 5 years (4 updates/day) |
|         | Battery Capacity | 1000mAh                 |

|                   |                           |                |
|-------------------|---------------------------|----------------|
| Physical Features | LED                       | 1xRGB          |
|                   | NFC                       | ZK21SF-N Yes   |
|                   |                           | ZK21SF No      |
|                   | Operating Temperature     | -25°~25°C      |
|                   | Dimensions Packaging Unit | 70*36*14.3mm   |
|                   |                           | 500 Labels/box |

|            |               |             |
|------------|---------------|-------------|
| Compliance | Certification | CE,ROHS,FCC |
|------------|---------------|-------------|