Electronic Shelf Label Series



2.13" Dot Matrix EPD Graphic Screen ESL （Freezer）

ZK21SF

PRODUCT DATASHEET

PRODUCT FEATURES

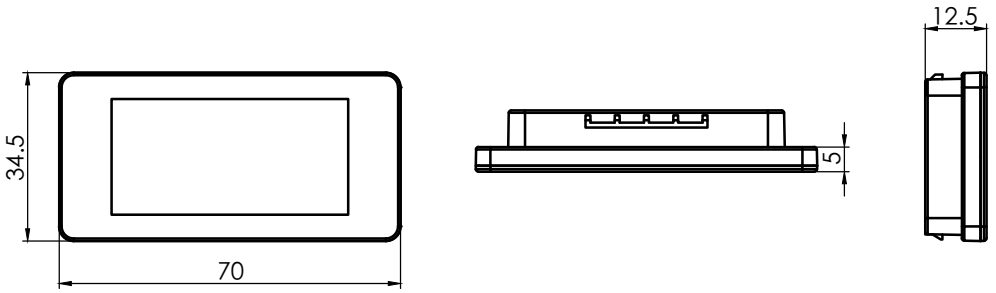
Cloud-managed | EPD screen | Pricing in Seconds | 5-year Battery | Strategic Pricing | Bluetooth LE 5.4

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	Black and paper white
Viewing Angle	Nearly 180°
Usable Pages	6

Wireless

Operating Frequency	2.4-2.485GHz
Standard	BLE 5.4
Encryption	128-bit AES
OTA	YES

Battery

Battery	Pouch lithium cell
Battery Life	5 years（2 updates/day）
Battery Capacity	1000mAh

Physical Features

LED	Support 8 colors
NFC	Yes
Operating Temperature	-25°~25°C
Dimensions	70*34.5*12.5mm
Packaging Unit	300 Labels/box

Compliance

Certification	CE,ROHS,FCC