LEO-D32

2.9" ePaper Display with BLE 5.0 Communication

Features

- 2.9" ePaper display with black, white, and red ink
- Sunlight-readable display with 180-degree viewing angle
- Supports data transmissions via BLE 5.0 communication
- Cableless design ensures quick installation
- Battery supports operation for 5 years (4 updates per day)

Introduction

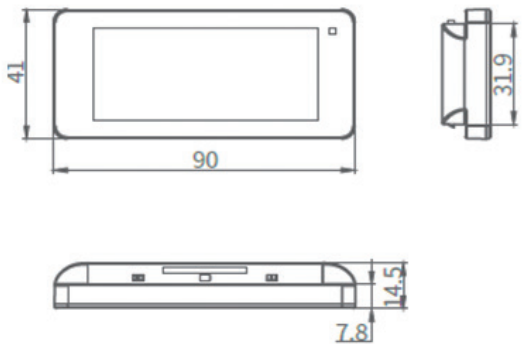
LEO-D32 is an ePaper display that represents a new generation of environmentally friendly products. Designed to replace printed paper, the LEO-D32 ePaper display is a low-power information display solution equipped with BLE 5.0 communication that allows the display content to be synchronously updated. The embedded BLE 5.0 protocol offers excellent signal penetration for long-range transmissions . Moreover, with its minimal power consumption, the LEO-D32 ePaper display is ideal for IoT applications, such as factory storage, hospital medicine cabinets, and UD carts.

Specifications

Display Size	2.9"
Display Area	66.9 x 29.06 mm (2.63 x 1.41 in)
Display Colors	Black, white, and red
Resolution	296 x 128 pixels
DPI	112
Dimensions	90 x 41 x 14.5 mm (3.54 x 1.6 x 0.57 in)
Weight	50 g/0.11 lb
Protocol	BLE 5.0
Frequency	2.4 GHz
Power Supply	2 x CR2450
Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)
Storage Temperature	-25 ~ 60 °C/-13 ~ 140 °F
Certification	CE/FCC/BSMI/TELEC

Dimensions

Unit: mm



Ordering Information

Part Number	Description
LEO-D32-000	LEO-D, 2.9" R/B/W, BLE

BLE Access Point

Features

Interface	1 x 10/100/1000M LAN port
Protocol	Proprietary BLE 5.0 (2.4 ~ 2.485 GHz), 802.11 ac/a/b/g/n (2.4 and 5 GHz)
Encryption	128-bit AES
Transmission Range	+20 m
Power Supply	PoE 48V_{DC}/0,32A
Dimensions	168 x 168 x 30 mm (6.6 x 6.6 x 1.18 in)
Weight	650 g/1.43 lb
Operating Temperature	-10 ~ 60 °C/14 ~ 140 °F
Certification	CE/FCC/BSMI/TELEC

Ordering Information

Part Number	Description
USM-D22-000	USM-D BLE access point

Last updated: 12-Mar-2020