IOTSU® L2 EPD01

E Ink
Display Unit

PRODUCT DESCRIPTION

IOTSU® E Ink can be used to display data from IoT applications including for example real estate management, logistics, industrial processes, and retail. Wirelessly connected content displays allow for convenient monitoring of information such as water and electricity consumption of apartments, air quality measurements or even cloud based data.

IOTSU® E Ink can improve the usability of many battery-powered IoT devices such as real estate meters, cold-chain temperature data loggers and environmental sensors. The LoRaWAN communication interface enables smooth data transfers to and from the cloud.

IOTSU® E Ink configuration tool allows the display content to be customized based on customer needs and allows presenting of user specific content such as sensor readings and QR-codes. IOTSU® E Ink provides at-a-glance visibility into data in real estate, logistics and manufacturing applications. The unit has a well defined API for interfacing with different cloud platforms.

IOTSU® L2 uses the global LoRaWAN network connection. There is no need for external power supply.

TECHNICAL SPECIFICATIONS

LPWAN device with configurable electrophoretic Display

CONNECTIVITY: LoRaWAN

DIMENSIONS (LxWxH): 80 x 120 x 35 mm

WEIGHT: 200g with battery

DISPLAY SIZE: 57,2mm x 38,1mm (2,7")

DISPLAY FEATURES: 264 x 176 pixel (117dpi), black/white

UPDATE QUERY RATE: configurable, default 20min

BATTERY: 3.6V, lifetime with default settings 5 years, replaceable

IP CLASS: IP30

OPERATING CONDITIONS: 0°C to +50°C, humidity RH 40-85%, non-condensing

MOUNTING: Screws, adhesive tape

*Default profile: Query rate 20min, Update rate 1h, SF12.

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SMALL DATA GARDEN