SLATE206a

6'' e-Paper poster Wifi and 7 colors

This Qeedji SLATE206a 6'' e-Paper is particularly dedicated to digital signage.

This poster, wireless and with very low consumption is able to operate without battery change for more than 1,5 years.

It is equipped with a WiFi modem, BLE and an NFC tag.

It supports 7-color images coming from a USB-C "Mass storage" link or via an IPv6 network.

The SLATE206a device exposes an open API for customised applications (ie Room Booking with M365/Teams).

Strengths

▪ Extra thin

▪ Autonomy of 1,5 years

▪ Wifi 6 (2.4 GHz)

▪ BLE 5.4

▪ VM WebAssembly

▪ Open API

▪ NFC tag

▪ USB Mass Storage

▪ Display with 7 colors

▪ Modern authentication support

▪ Easy wall hook

Specification

Middleware :
 WebAssembly
 Development Kit
 Many examples off the shelf

Operating System :
 Zephir OS

Processor :
 NRF5340

Peripheral :
 1x 2,4 GHz Wifi 6 Modem
 1x BLE 5.4 Modem
 1x Thread / Zigbee Modem [1]
 1x NFC tag
 1x LED
 1x USB Local Storage (FAT32)

Storage :
 Flash 1Mo
 RAM 512Ko

Display :
 Resolution: 600x448px
 7 Colors: black, white, red, yellow, blue, green, orange
 Active area: 114.9mm x 85.8mm
 PPI: 132

Power supply :
 4x CR2430 batteries
 2x POGO pads on the rear (5VDC)

Environment :
 Temperature : 15~35°C

Mechanical characteristics :
 Weight: 0,210 kg
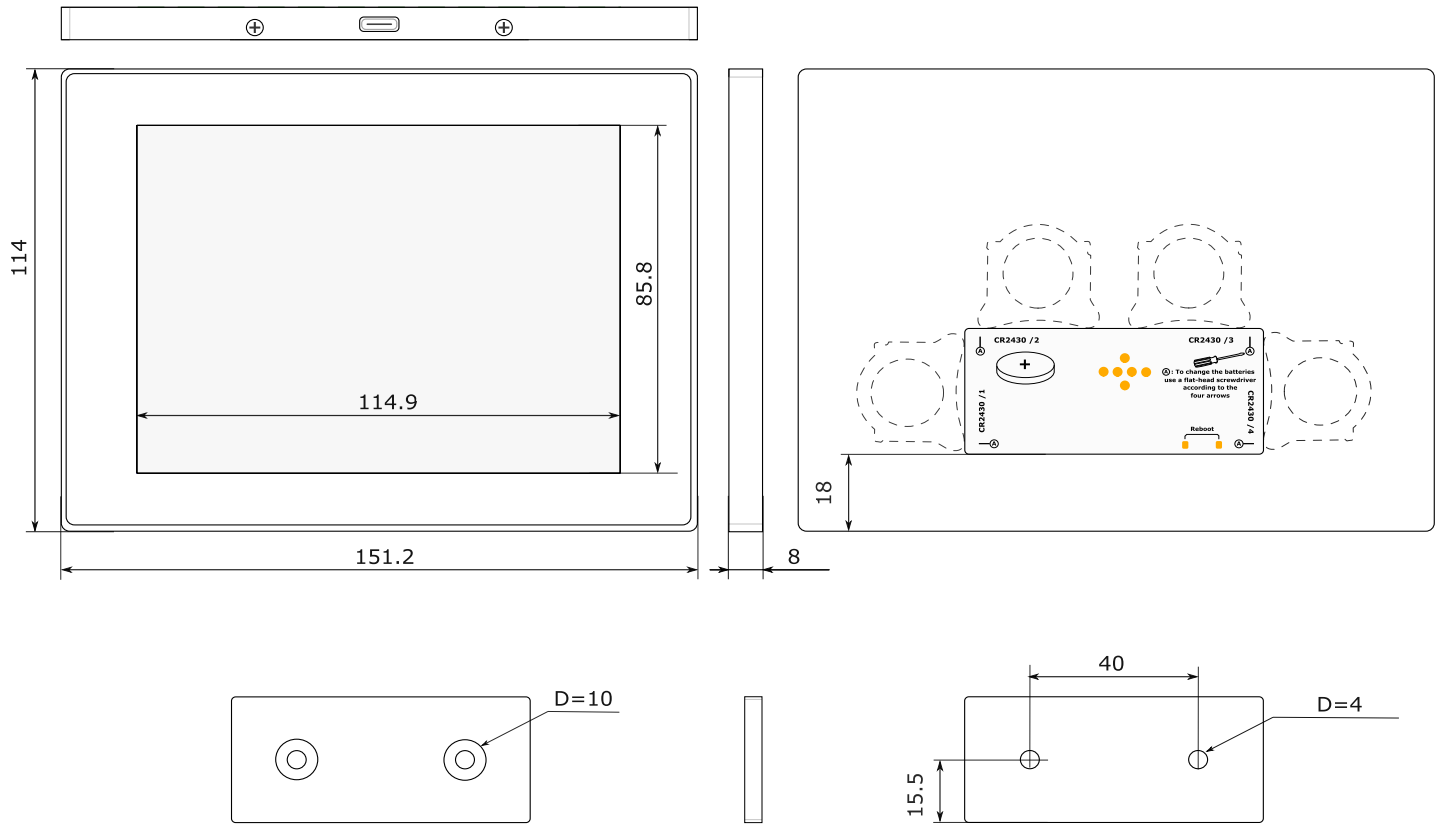 Dimensions (WxHxD): 152x114x8 mm

Warranty :
 1 year (parts and labor)

Manufacturer :
 Qeedji

Qeedji

Block Diagram

114

85.8

114.9

151.2

18

CR2430 /2

CR2430 /1

CR2430 /3

CR2430 /4

⚠️: To change the batteries
use a flat-head screwdriver
according to the
four arrows

Reboot

8

D=10

40

D=4

15.5

Dimensions are in: mm

Ordering Information

Plateform	
Reference	*Description*
SLATE206a	6'' e-Paper Wifi and 7 colors

Qeedji

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