

Qeedji

Portfolio

Media Player
Encoder/Streamer
Tablet
IoT Gateway
Busy Light

AV / IT / IoT Manufacturer

Because your image matters

www.qeedji.tech

About **Qeedji**

Qeedji has designed hardware in the audiovisual sector since 2005.

Qeedji ensures the success of your audiovisual projects thanks to a proven technology, a high level of innovation and an expert support team.

Created by INNES SA, Qeedji brand counts a range of media players, tablets, e-papers, IoT and accessories which benefit from a wide know-how based on the latest innovations related to processors and video processing, combined with a perfect knowledge of Digital Signage market needs and trends.

Our R&D and production teams, based in Brittany in France, provide a comprehensive range of solutions for your Digital Signage needs :

- Low consumption and eco-friendly design
- Powerful reliable electronics
- Secured and manageable device
- No planned obsolescence
- Technology with open APIs

EU

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HTML5 Ultra HD 4K 60fps media computer (player, encoder, streamer)



DMB400 is the perfect Digital Signage media computer for corporate communication.

This low-consumption computer, based on a strong material design, is able to support most of the market media with a UHD high-quality hardware acceleration.

DMB400 can be connected to a Full HD or Ultra HD monitor with a HDMI cable. Audio is available in stereo through a 3,5 jack plug or through HDMI.

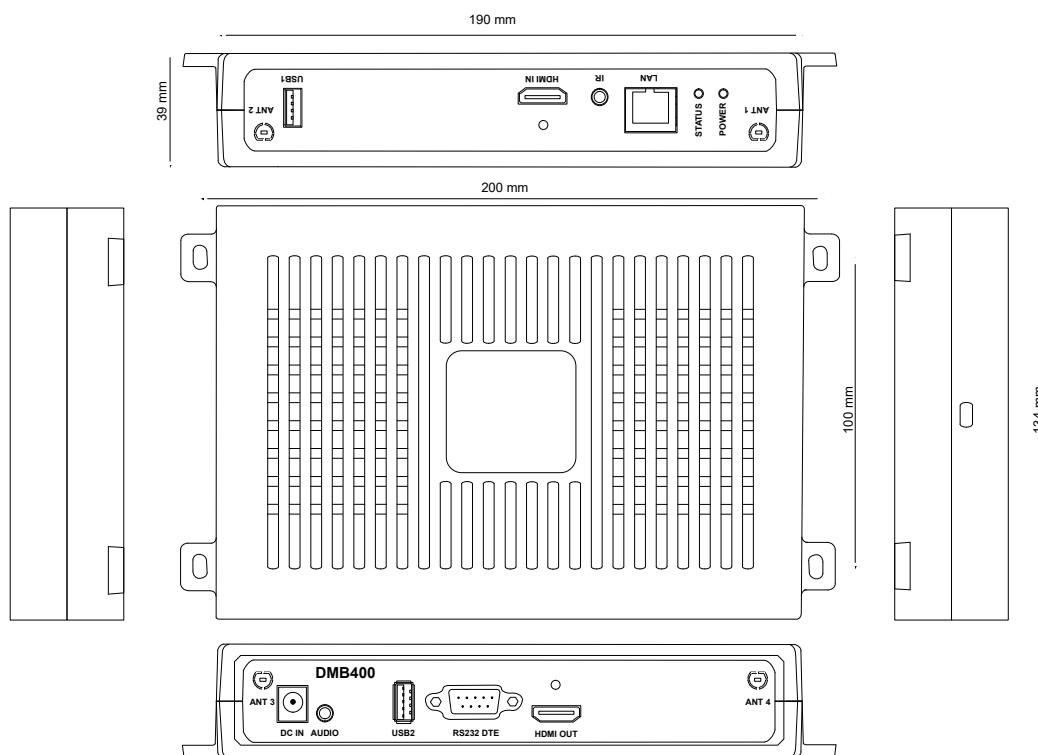
Strengths

- Ultra HD video H265/H264 decoder
- Full HD video H264 encoder
- UDP and RTMP streamer
- HTTP(S) RPC API
- OS Gekkota eLinux: Quick start and rugged
- Screen standby mode by synchronization signal
- Web App, HTML5 compliant
- Multi-page PDF and MS-Powerpoint support
- Green IT : 11W consumption
- Silent (fanless)
- Video and audio channel can be independent
- Kensington lock

Specification

Native Media formats :	Screen resolution :
Image: JPEG, PNG, GIF, SVG	Landscape 2160p60 / Portrait 1080p30
Video: H265 2160p60, H264 2160p24, MPEG2/VC1/VP9 1080p	16/9, 58/9, 4/3
Text: plain text, rich text HTML5	96x96~3840x2160
Audio: MPEG1 L2, MP3, AAC, AC3	Audio output :
Font: TTF, OTF, WOFF	Jack 3.5 R+L stereo
Web: HTML5, RSS, WGT	Video output :
Slideshow: PDF, MS-Powerpoint	1x HDMI 2.0
AV Streaming protocols :	Video Input :
HTTP(S), DASH MPEG, UDP, RTP, RTSP	1x HDMI 1.4
Processor :	Network :
CPU : Quad core ARM 1.2 GHz	1x Ethernet 10/100/1000 BaseT
GPU : Mali™-400 1.6 Gpixels/s	Power supply :
Peripherals :	12V DC
1x USB 2 Host (Low/Full/High Speed)	Environment :
1x USB 3 Host (Super Speed)	Temperature : 0~45°C
1x Jack 3.5 for GPIO or infra red	Physical Characteristics :
1x RS232 DTE	Weight : 0,7 kg
Storage :	Dimensions (WxHxD) : 191x139x40 mm
SSD mSata 16Go included (option 128Go)	Warranty :
Operating System :	3 years (parts and labor)
Gekkota + eLinux	Manufacturer :
Software compatibility :	Qeedji
HTML5 Web App	

Block Diagram



Ordering Information

Plateform Reference

Description

DMB400-SSD16	DMB400 16Go SSD (hardware + Gekkota eLinux)
DMB400W-SSD16	DMB400 Wifi 16Go SSD (hardware + Gekkota eLinux)
DMB400-SSD128	DMB400 128Go SSD (hardware + Gekkota eLinux)
DMB400W-SSD128	DMB400 Wifi 128Go SSD (hardware + Gekkota eLinux)

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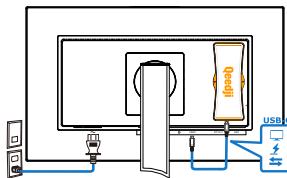
The AMP300 media player is designed for digital signage with or without interactivity.

This low-power media player is able to support most common media formats without the need for conversion and this with Full HD quality.

The AMP300 can be connected to a monitor via an HDMI or USB-C cable. Digital sound is available through HDMI, USB-C and Bluetooth.

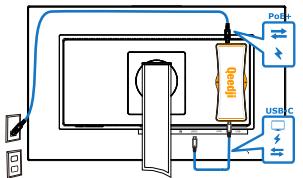
Several configurations of connections are possible:

Configuration #1 - USB-C + Wifi



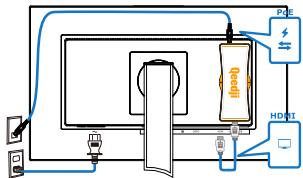
The AMP300 is powered by the screen.
The screen is powered by mains supply.
The screen receives its video signal via USB-C.
The network connection is WiFi.

Configuration #2 - USB-C + Ethernet PoE+



The AMP300 is powered by PoE+.
The screen is powered by AMP300 via USB-C.
The screen receives its video signal via USB-C.
The network connection is Ethernet.

Configuration #3 - HDMI + Ethernet PoE



The AMP300 is powered by PoE.
The screen is powered by mains supply.
The screen receives its video signal via HDMI.
The network connection is Ethernet.

Strengths

- Android OS 9 Qeedji System
- USB-C (Alt Mode Display Port) and HDMI Video Output
- USB-C Power Delivery 15W output
- Power over Ethernet (PoE, PoE+)
- Programming of screen sleep (CEC, MCCS)
- 802.1x LAN and WLAN security
- Multi-page PDF and MS-Powerpoint Reader
- Green IT: 4W of consumption
- Silent (fanless)

Specification

Supported media formats :

Image: WEBP, JPEG, PNG, GIF, SVG
Video: MPEG2, WMV, H264 1080p
Slideshow: PDF, MS-Powerpoint
Text: plain text, rich text HTML5
Audio: MP3, AAC, MPEG1 Layer 2
Font: TTF, OTF, WOFF
Web: HTML5, RSS

Screen resolutions :

Portrait, Landscape
96x96~1920x1080

Audio output :

USB-C
HDMI
Bluetooth Audio

Video output :

1x HDMI 1.4
1x USB-C (Alt Mode Display Port)

Network :

Ethernet 10/100 BaseT
WiFi 5 with built-in antenna
Bluetooth Low Energy (BLE 5)

Power supply :

5V DC over USB-C
PoE, PoE+

Environment :

Temperature: 0~40°C

Physical Characteristics :

Weight: 0.143 kg
Dimensions (WxHxD) : 60x151.5x21 mm

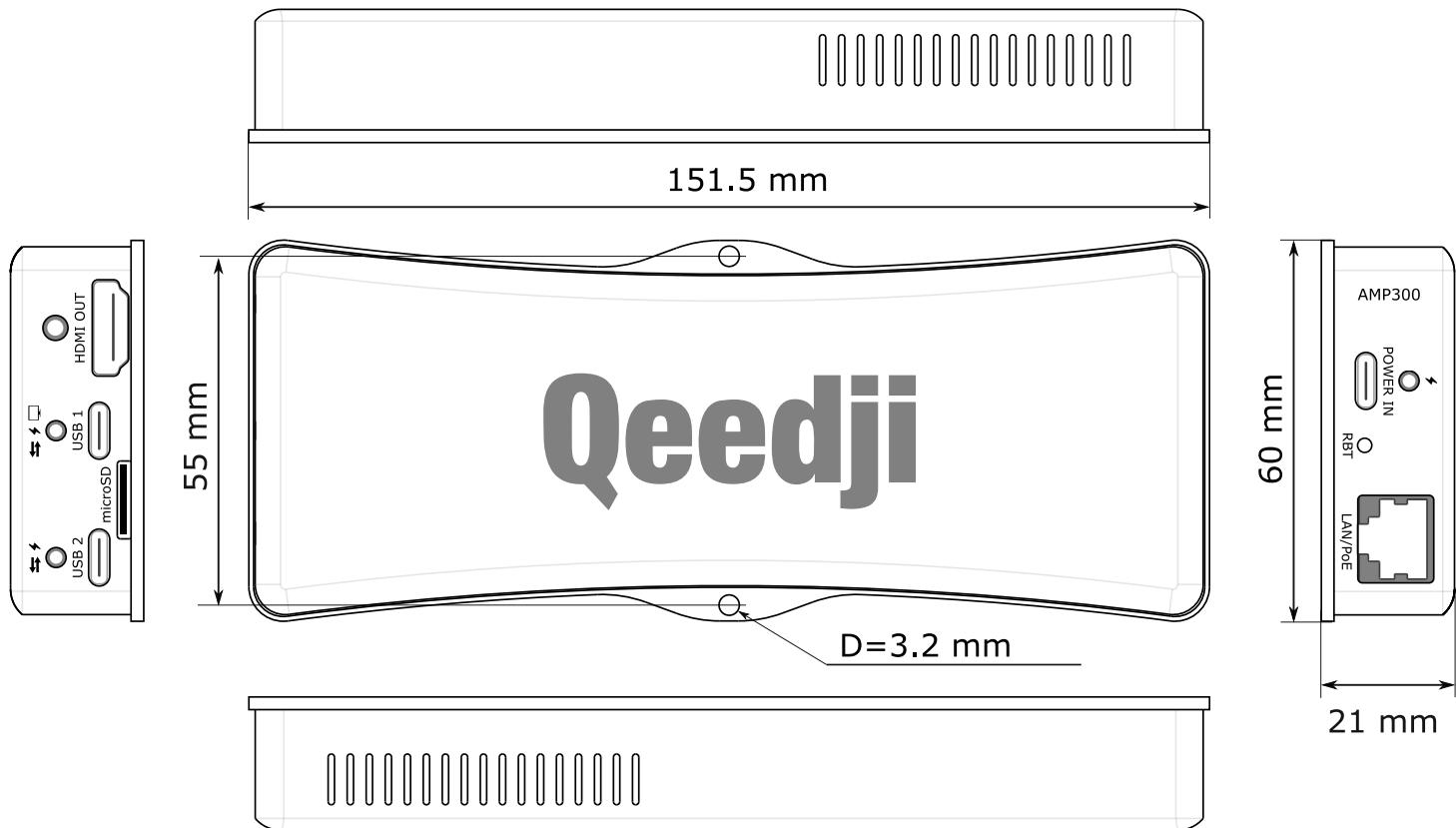
Warranty :

1 year (parts and labor)

Manufacturer :

Qeedji

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Ordering Information

Platform
Reference

Description

AMP300

Android FHD Media Player

Qeedji

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GEKKOTA OS

RoHS
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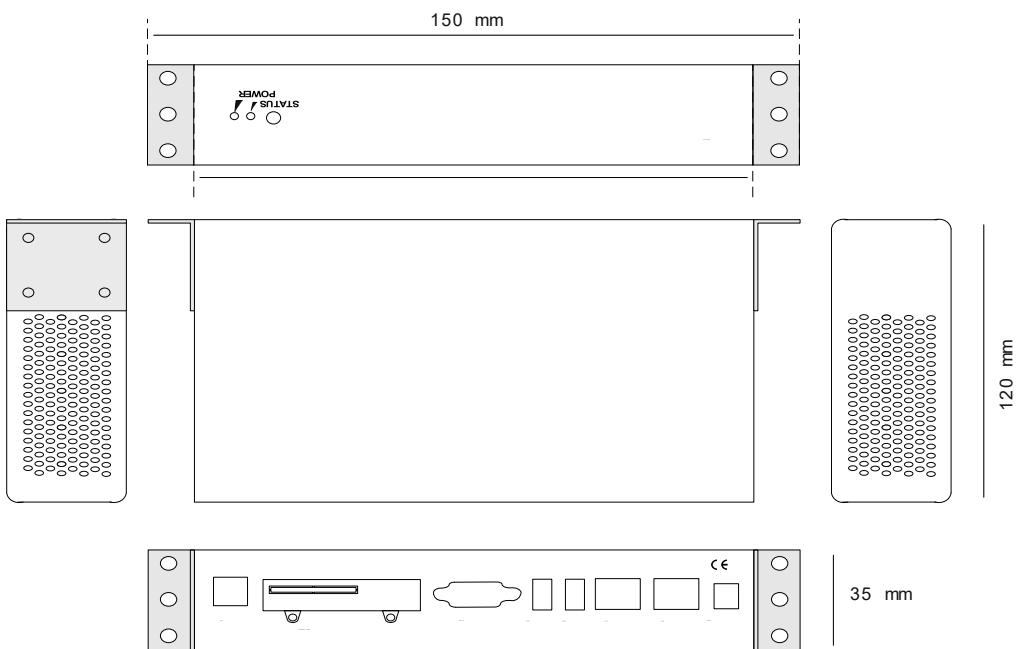
The DME204 media player is mainly aimed at creating a linear audiovisual channel.

This low-consumption media player which is based on a strong material design is able to support most of the market media assets without any conversion and with a HD quality.

DME204 can be connected to a OFDM modulator with a DVB ASI cable wire. Also, it can be connected with an IPTV UDP multicast system or a WebTV live channel with RTMP (Youtube Live, Facebook, CDN).

Strengths	Specification
<ul style="list-style-type: none"> ▪ Full HD Video decoder ▪ OS Gekkota eLinux: Quick start and rugged ▪ HTML5 compliant ▪ PDF and MS-Powerpoint support ▪ Green IT : 9W consumption ▪ Silent (fanless) 	<p>Native Media formats :</p> <p>Image: JPEG, PNG, GIF Video: MPEG2, H264 1080p Slideshow: PDF, MS-Powerpoint Text: plain text, rich text HTML Audio: MP3, AAC, MPEG1 Layer 2 Font: TTF, OTF, WOFF Web: HTML, RSS</p> <p>Protocols :</p> <p>HTTP 1.1, RTP, UDP, RTMP, DVB MPEG-TS</p> <p>Processor :</p> <p>CPU : Intel Z530 1.6 GHz GPU/VPU : Intel GMA500 SoC : Encoder H264 720p</p> <p>Peripherals :</p> <p>2x USB2 Host (Low/Full/High Speed) 1x Jack 3.5 for GPIO or infra red 1x Expresscard Slot</p> <p>Storage :</p> <p>eMMC 2Go for OS HDD 160Go</p> <p>Operating System :</p> <p>Gekkota OS 4</p> <p>Software compatibility :</p> <p>HTML5 Web App</p> <p>Output :</p> <p>RTMP, UDP MPEG-TS, DVB ASI Video H264 CIF ~ HD720p Audio Mpeg Layer II or AAC</p> <p>Network :</p> <p>2x Ethernet 10/100 BaseT</p> <p>Power supply :</p> <p>12V DC</p> <p>Environment :</p> <p>Temperature : 0~45°C</p> <p>Physical Characteristics :</p> <p>Weight : 0.9 kg Dimensions (WxHxD) : 154x124x36 mm</p> <p>Warranty :</p> <p>1 year (parts and labor)</p> <p>Manufacturer :</p> <p>Qeedji</p>

Block Diagram



Ordering Information

Platform Reference

Description

DME204-HDD

DME204 with 160Go HDD (hardware + Gekkota eLinux)

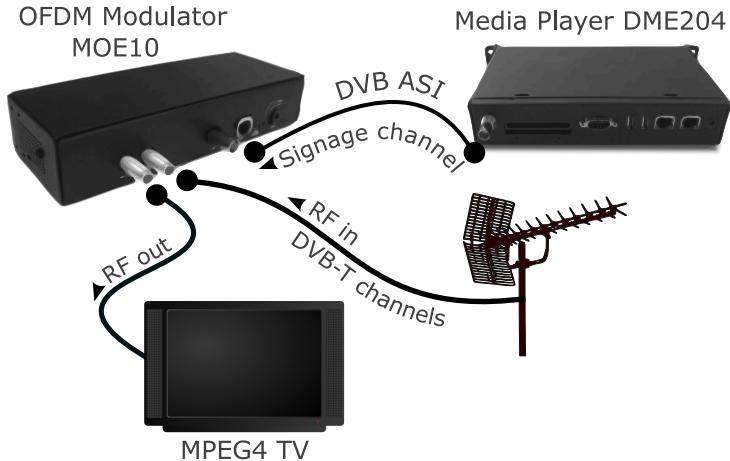
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The OFDM modulator MOE10 is intended to be coupled to the DME204 media player to broadcast digital signage channel on TV network using an RF DVB-T coax.

A set DME204 + MOE10 can be placed in a 1U 19 inch rack.



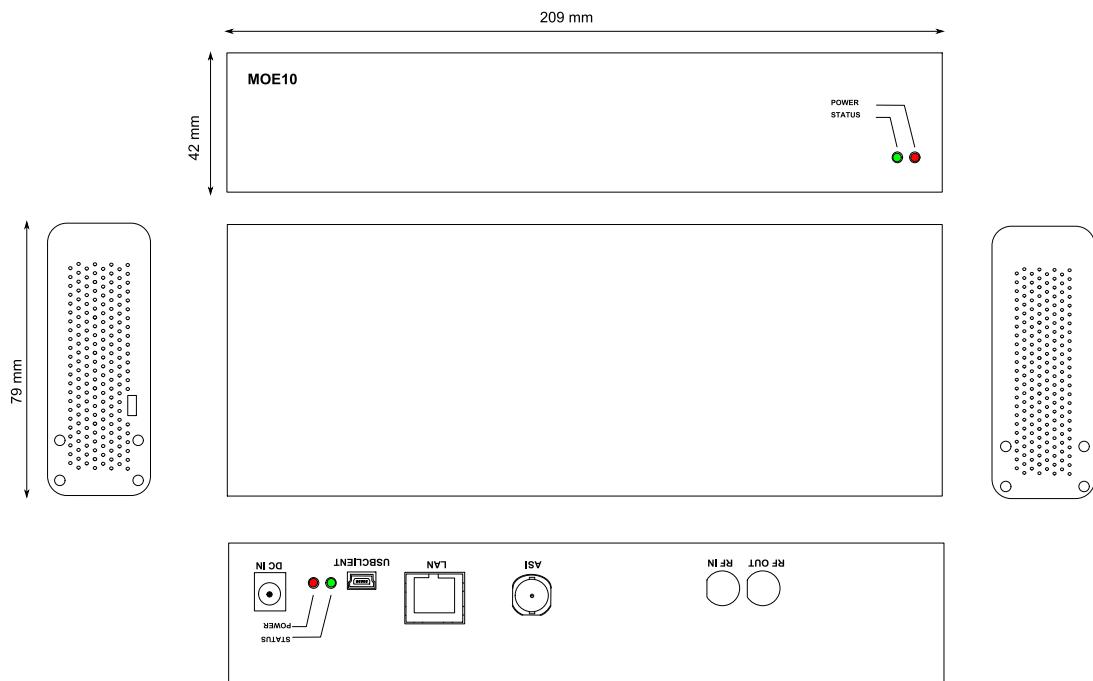
Strengths

- Small form factor
- Rack Mount 1/2 19 inch
- RF Mix In / RF Mixed out
- Setting via MIP ASI or USB
- Kensington lock

Specification

DVB ASI input :	RF input/output :
1x ASI Burst/Byte 188/204 Transport Stream Input	75ohms F-Female connectors
Accepts any MPTS (multi program transport stream) or SPTS (single program transport stream)	Management :
Rates up to 214 Mbps	MIP insertion in ASI stream / USB device (Virtual serial com)
ASI connector : 75ohms BNC Female	Power supply :
RF Modulation :	12V DC
Format : QPSK, 16QAM, 64QAM	6W
Guard Interval : 1/32, 1/16, 1/8, 1/4	Environment :
FEC : 1/2, 2/3, 3/4, 5/6, 7/8	Temperature : 0~45°C
Bandwidth : 8 MHz	Physical Characteristics :
Output frequency : UHF (474MHz - 858MHz)	Weight : 0,6 kg
Frequency step : 1KHz	Dimensions (WxHxD) : 144x89x29 mm
Phase noise : -90dBc/Hz @ 10KHz	Warranty :
Return loss : > 15dB	1 year (parts and labor)
SFDR : 50dBc @-10dBm	Manufacturer :
ACPR : 50dBc @-10dBm	Qeedji
MER : 40dB @-10dBm	
Output level : -30dBm	

Block Diagram



Ordering Information

Platform
Reference

Description

EXC.MOE10

OFDM Modulator for DME204

Qeedji

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The tablet is designed for professional use in a static position and does not require any batteries.

Powered by Android applications, it is ideal to book meeting rooms in conjunction with a calendar system such as MS-Exchange, M365, Google Workspace or IWMS editors' applications.

It can also be used for multimedia viewing or as a complement to a building management system.

The tablet is equipped with a rear hanging system for easy mounting on a wall, a table stand or an extension arm.

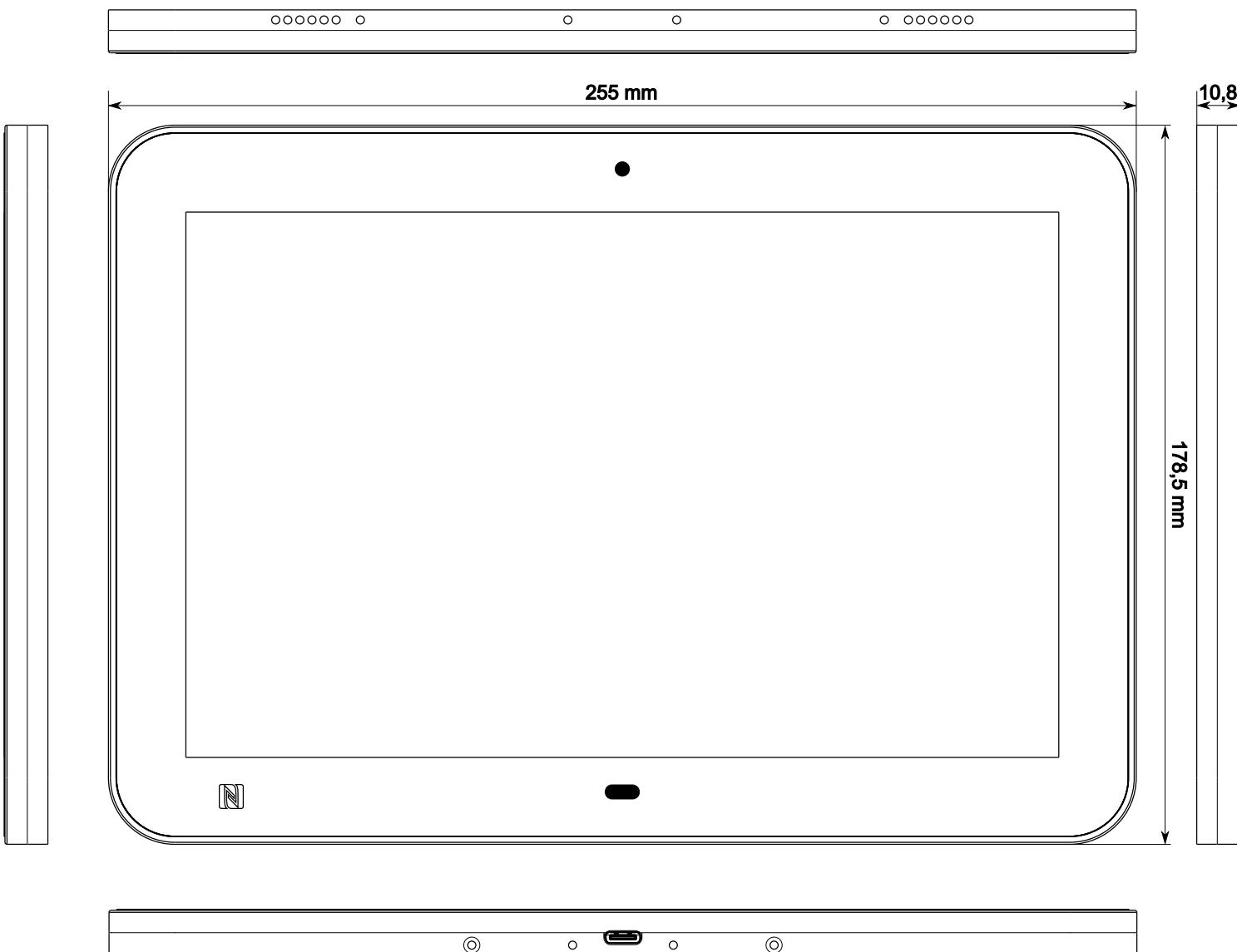
Strengths

- Thickness: 11 mm
- Android 9 OS
- Presence detector for switching the screen to standby mode
- USB-C for PoE connector
- Surround LED Status Light Bar
- Hardware HD Video Decoder
- Low Power Consumption: 9W
- Quiet (fanless)
- Wifi, BLE
- NFC/MIFARE
- 125kHz RFID
- Reset button
- Mechanical microphone and camera disabling

Specification

Supported media formats :	Screen :
Image: JPEG, PNG, GIF, SVG	16:10, 1280x800 px
Video: MPEG2, H265, H264 1080p	10.1 inches
Audio: MP3, AAC, MPEG1 layer 2	Audio :
Web: HTML5, CSS3, JavaScript, RSS	Mono audio output Microphone input with inhibition
Protocols :	Camera :
HTTP(S), UDP, RTSP, NTP, SMTP	5MP Camera, 2592x1944 px with inhibition
Processor :	Network :
CPU: ARM Quad core	1x Wifi 5 with built-in antenna 1x Ethernet 10/100 BaseT via optional adapter
Peripherals :	Power supply :
1x USB-C (Low/Full/High Speed)	5VDC via USB-C
1x USB POGO at the rear	Environment :
1x NFC/MIFARE	Temperature : 0~45°C
1x RFID 125kHz	Mechanical characteristics :
1x BLE	Weight: 800gr Size (WxHxD): 255x178,5x10,8 mm
LED indicator :	Warranty :
Red/Green/Orange on screen outline	1 year (parts and labour)
Storage :	Manufacturer :
Internal Micro SD Card: 16Go	Qeedji
Operating system :	
AOSP 9	
Software compatibility :	
Android APK	

Block Diagram



Ordering Information

Hardware Reference

Description

TAB10S	10" AOSP tablet
EXC.NAPOE109KU	Flush-Mounted Ethernet PoE KRONE-USB-C adapter
EXC.NAPOE109KT	Flush-Mounted Ethernet PoE KRONE-TAB10s adapter
EXC.NAPOE109FT	Female RJ45 Ethernet PoE surface-mounted adapter to TAB10s (Data and Power Delivery)

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Flush-Mounted Ethernet PoE to USB-C adapter (Data and Power Delivery)



The NAPOÉ109ku accessory allows you to connect a USB-C device with a consumption of less than 9W to an Ethernet network.

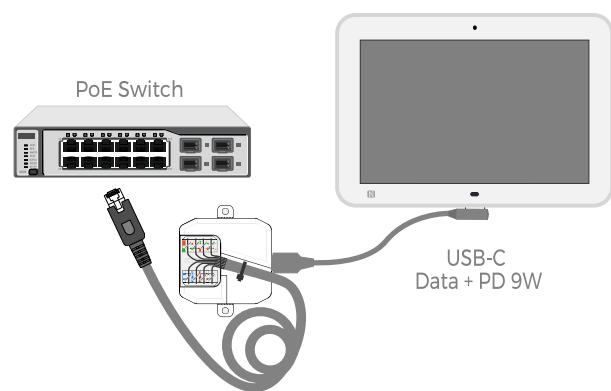
It supplies power and data to a USB-C device through a 10/100/1000 Mbps Ethernet PoE link.

Its small footprint allows it to be housed in a false ceiling or in an electrical junction box.

Its wiring is facilitated by a removable KRONE connector. It is thus possible to carry out the cabling of the Ethernet pairs without mechanical constraint and then to finalize the assembly by replacing the connector in its housing.



RoHS
COMPLIANT



Strengths

Specification

- Small footprint to be recessed in a junction box or in a false ceiling
- Plug and Play: No configuration is necessary
- Input on KRONE connector for direct connection to the Ethernet cable
- USB-C output for greater compatibility with modern devices
- Power / Data light indicators with dip-switch inhibition
- Two snap-off fixing ears
- QR Code for archiving the asset

Input :

1x KRONE EIA/TIA 568A/568B
(Ethernet 10/100/1000 Mbps)

Output :

1x USB Type-C
Locking insert for USB Type-C single screw connector

Protocols :

Ethernet
USB 2.0, USB 3.0
USB Power Delivery

Indicator lights :

PoE Power : red LED
Data Link : green LEDs

Power Supply :

PoE 802.3 af

Environnement :

Temperature : 0~35 °C

Mechanical characteristics :

Weight : 39 gr

Dimensions (WxHxD) : 56,5 x 46,7 x 24,5 mm

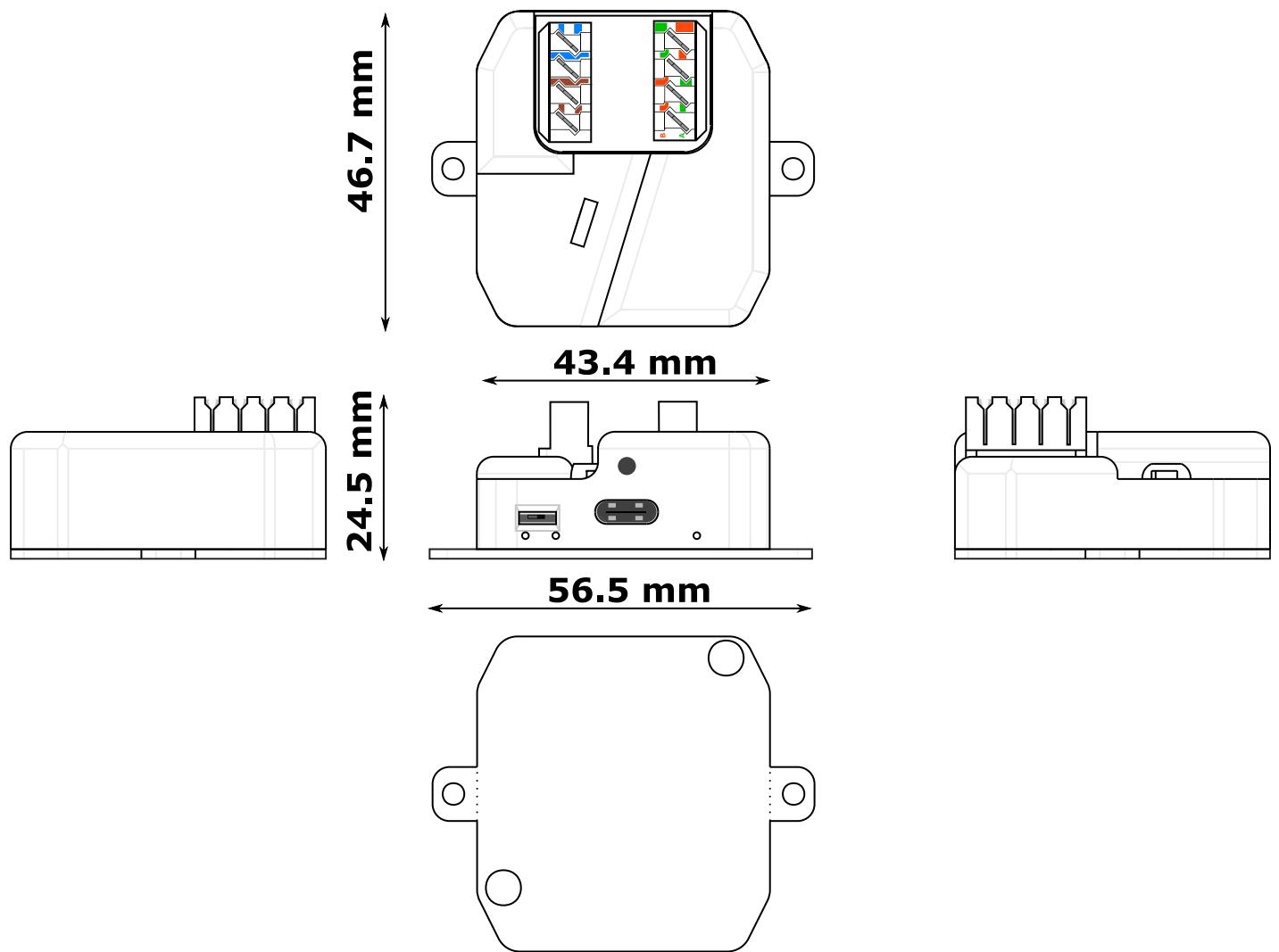
Warranty :

1 year (parts and labor)

Manufacturer :

Qeedji

Block Diagram



Ordering Information

Material
Reference

Description

EXC.NAPOE109KU

Flush-Mounted Ethernet PoE to USB-C adapter (Data and Power Delivery)

Packing list



USB-C cable, length 2m Angled connector
+ Straight connector



KRONE to USB-C adapter



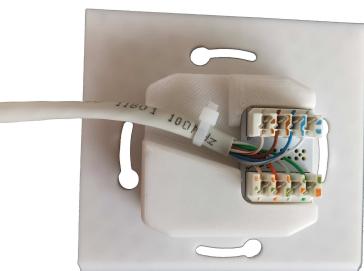
Cable clamp

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Flush-Mounted PoE to TAB10s Ethernet Adapter (Data and Power)

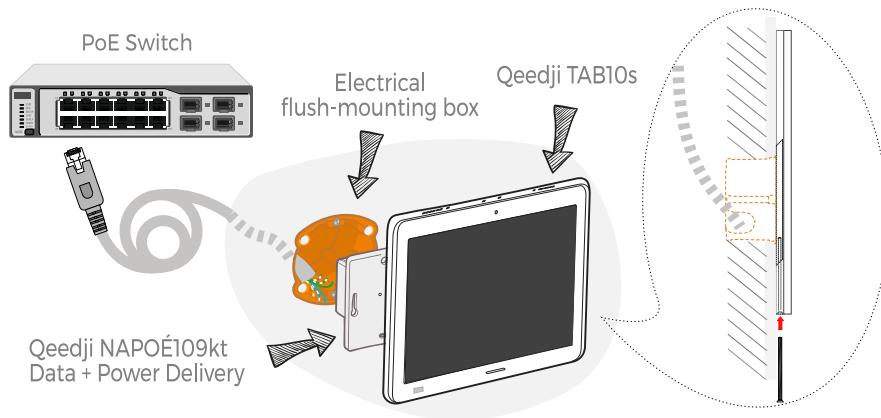
The NAPOÉ109kt accessory allows you to connect a Qeedji TAB10s tablet to an Ethernet network.



It supplies power and data to the TAB10s with a 10/100 Mbps Ethernet PoE link.

Its small footprint allows it to be housed in wall using a standard electrical box.

Its wiring is facilitated by a removable KRONE connector. It is thus possible to carry out the cabling of the Ethernet pairs without mechanical constraint then to finalize the assembly by replacing the connector in its housing.



Strengths

- Small footprint to be built into a wall
- Fixing plate for directly hanging the TAB10s
- Plug and Play: No configuration is necessary
- Input on KRONE connector for direct connection to the Ethernet cable
- Power / Data light indicators with dip-switch inhibition
- QR Code for archiving the asset

Specification

- Input :**
1x KRONE EIA/TIA 568A/568B
(Ethernet 10/100 Mbps)
- Output :**
1x POGO for Qeedji TAB10s
- Protocols :**
Ethernet
USB 2.0
- Indicator lights :**
PoE Power: red LED
Data Link: green LEDs
- Power supply :**
PoE 802.3 af

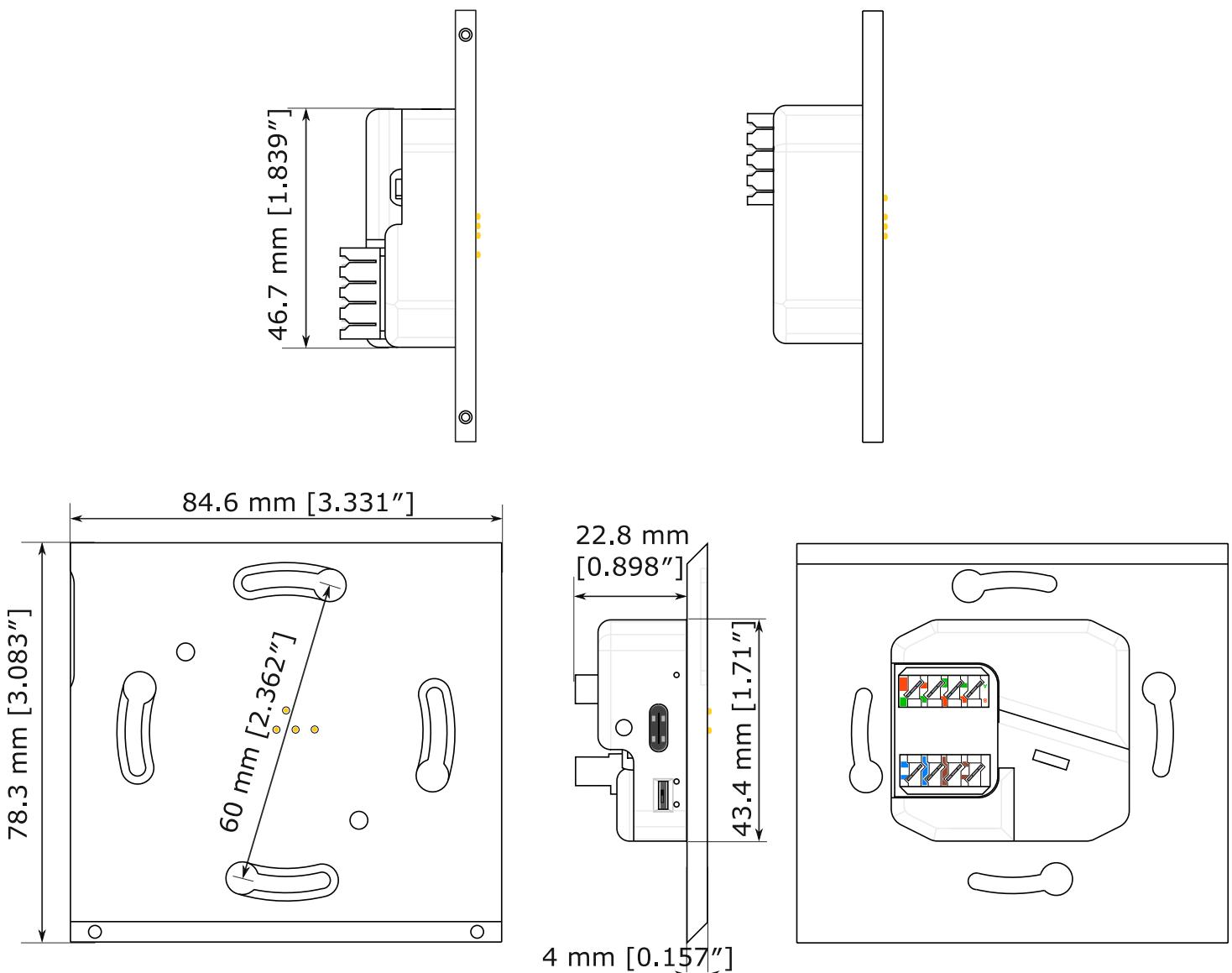
Environment :
Operating temperature: 0~35 °C
Storage temperature: -20~60 °C
Operating humidity level: <80 %
Storage humidity level : <85 %

Mechanical characteristics :
Weight: 66 gr
Dimensions (WxHxD) : 84,6 mm x 78,3 mm x 26,8 mm

warranty :
1 year (parts and labor)

Manufacturer :
Qeedji

Block Diagram



Ordering Information

Hardware Reference

Description

EXC.NAPOE109KT

Flush-Mounted PoE to TAB10s Ethernet Adapter (Data and Power)

Packing list



KRONE adapter to TAB10s



Hose clamp

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RJ45 Ethernet PoE surface-mounted adapter to TAB10s (Data and Power Delivery)



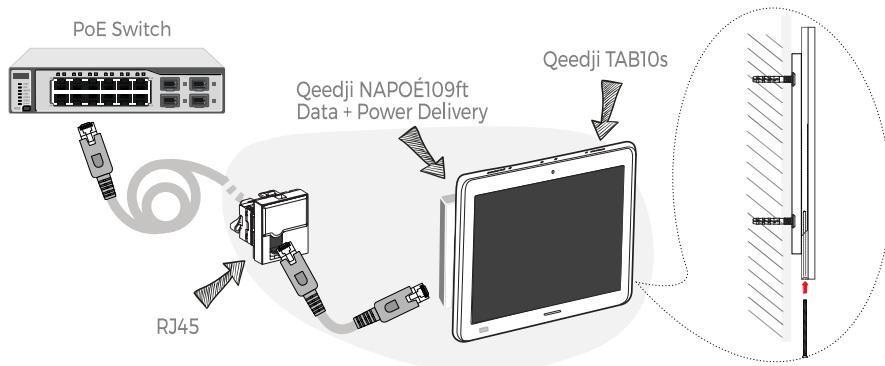
The NAPOÉ109ft accessory is a mounting bracket for a Qeedji TAB10s tablet with PoE RJ45 Ethernet connectivity.

It supplies power and data to the TAB10s by means of a 10/100 Mbps PoE Ethernet link.

Its VESA 100 compatibility allows quick mounting on a solid partition.

For glass partitions, the NAPOÉ109ft accessory comes with double-sided adhesive tape.

Its wiring is facilitated by a female RJ45 Ethernet connector.



Strengths

- Surface mounting on solid or glass partition
- Easier cable passage through side and bottom openings
- Plug and Play: No configuration is necessary
- RJ45 connector input to connect directly to an Ethernet cable
- QR Code for archiving the asset

Specification

Input :
1x Female RJ45
(Ethernet 10/100 Mbps)

Output :
1x POGO for Qeedji TAB10s

Protocols :
Ethernet
USB 2.0

Indicator lights :
PoE Power: red LED
Data Link: green LEDs

Power supply :
PoE 802.3 af

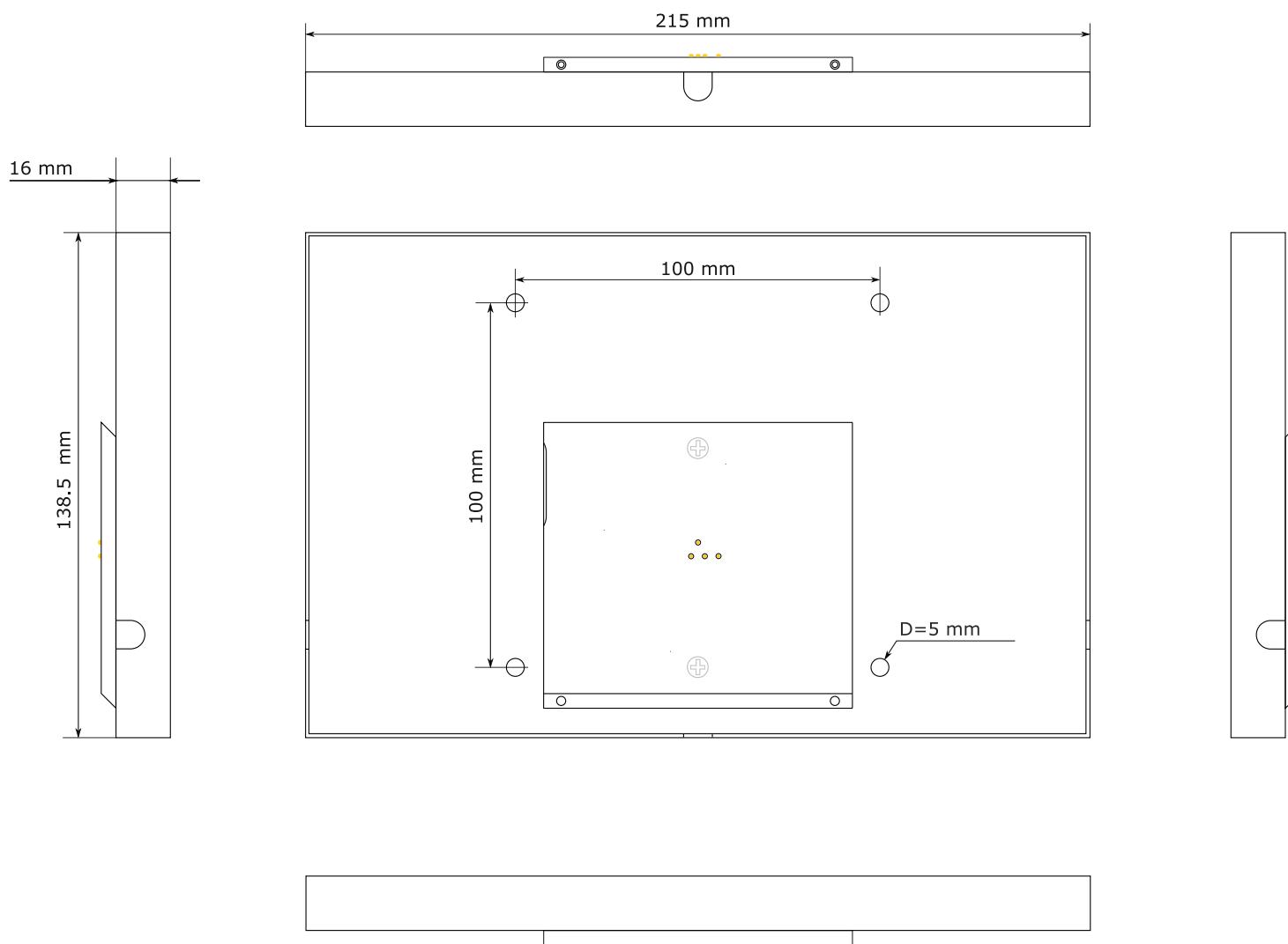
Environment :
Operating temperature: 0~35 °C
Storage temperature: -20~60 °C
Operating humidity level: <80 %
Storage humidity level : <85 %

Mechanical characteristics :
Weight: 382 gr
Dimensions (WxHxD) : 215x138,5x16 mm

warranty :
1 year (parts and labor)

Manufacturer :
Qeedji

Block Diagram



Ordering Information

Hardware
Reference

Description

EXC.NAPOE109FT

Female RJ45 Ethernet PoE surface-mounted adapter to TAB10s (Data and Power Delivery)

Packing list



Female RJ45 adapter to TAB10s

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

This screen with very low consumption is able to operate without battery change for more than 3 years.

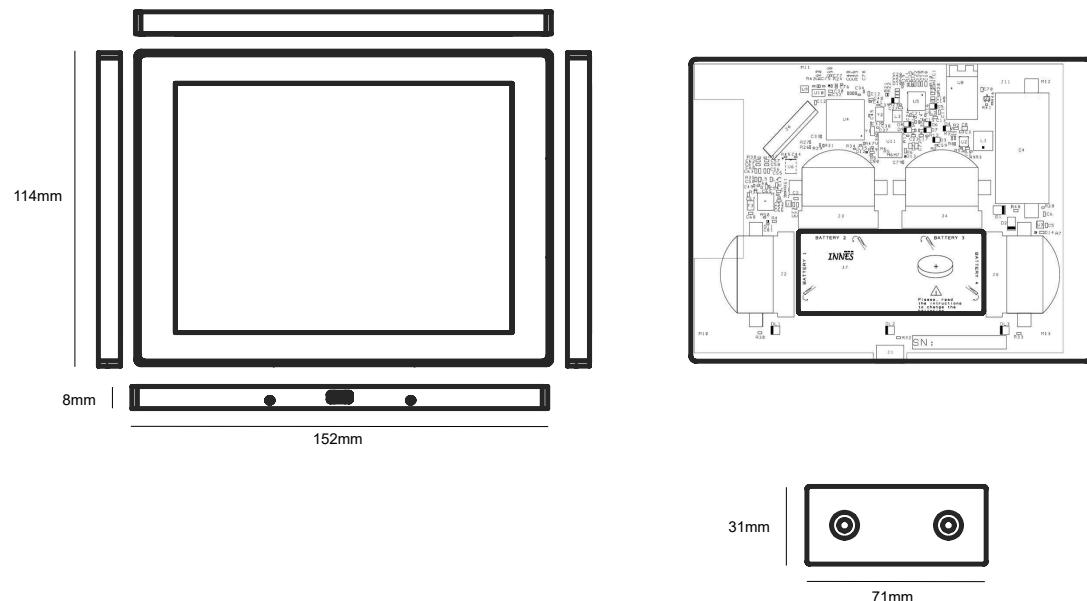
It is equipped with a WPAN modem and an NFC/MiFare badge reader.

It can receive 4-grayscale images via your "Mass storage" USB port or via an WPAN Hub compliant with BLE 4.1 like SMH300.

The SLATE106 device exposes an open API for customised use (communication with a smartphone, etc.).

Strengths	Specification
<ul style="list-style-type: none"> ▪ Extra thin ▪ Autonomy of 3 years ▪ 2.4 GHz WPAN ▪ Open API ▪ NFC/MiFare badge reader ▪ USB Mass Storage ▪ Display with 4 levels of gray ▪ Easy wall hook 	<p>API for customised application : Development Kit Many examples off the shelf</p> <p>Processor : STM32L162VC</p> <p>Peripheral : 1x 2,4 GHz WPAN Modem 1x NFC/Mifare 13.56 MHz reader ISO/IEC 14443A/B compliant 3x LED 1x USB Local Storage (FAT32)</p> <p>Storage : Flash 512Ko EEROM 8Ko RAM 32Ko</p> <p>Resolution : 800x600px 4 levels of gray</p> <p>Power supply : 4x CR2430 batteries</p> <p>Environment : Temperature : 0~45°C</p> <p>Mechanical characteristics : Weight : 0,210 kg Dimensions(WxHxD) : 152x114x8 mm</p> <p>Warranty : 1 year (parts and labor)</p> <p>Manufacturer : Qeedji</p>

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Ordering Information

Plateform
Reference

Description

SLATE106

e-Paper 6" WPAN

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The SAP10e access point allows up to 10 SLATE106 e-papers to be connected to a TCP/IP network.

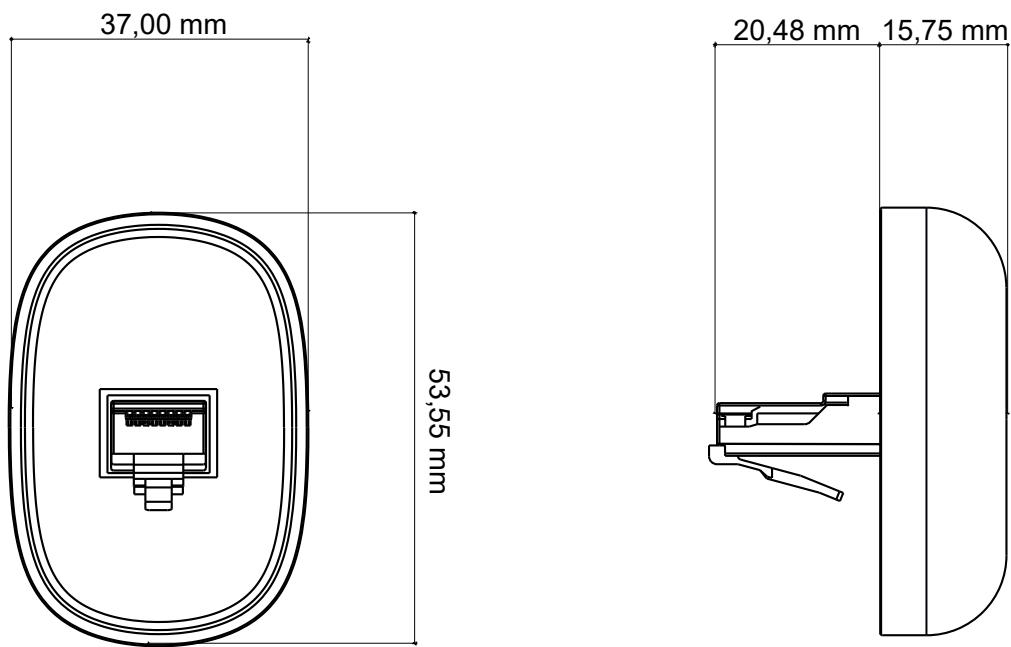
In its standard version, the access point can be used with the MS-PowerPoint software supplemented by the Qeedji Publisher Add-in. Updating the content displayed on the SLATE106 becomes easy; MS-PowerPoint slides will be shown directly on screens after a publication order.

Other versions of firmware, dedicated to our partners, allow the content of SLATE106 to be synchronized with a server dedicated to the build of the images to be displayed.

Connected directly to a powered RJ45 (PoE), its commissioning consists in pairing the SLATE106 using a web browser or a configuration file.

Strengths	Specification
<ul style="list-style-type: none"> ▪ Power Over Ethernet (PoE) ▪ RJ45 male integrated ▪ Very low power: 0,75W ▪ Beacon BLE 5 compliant ▪ Modular firmware 	<p>Settings : Web UI HTML5</p> <p>Protocols : HTTP(S), IPv4</p> <p>Processors : Nordic Semiconductor nRF52 ARM CryptoCell 310</p> <p>Peripherals : 1x male RJ45 PoE 802.3af 1x Bluetooth 5</p> <p>Stockage : Internal Flash memory</p> <p>Software compatibility : REST API</p> <p>Network : 1x Ethernet 10/100 BaseT 1x Bluetooth 5 (long range BLE)</p> <p>Power supply : PoE 802.3af</p> <p>Environment : Temperature: 0 ~ 40°C</p> <p>Physical Characteristics : Weight: 35 gr Dimensions (WxHxD) : 37x53,55x15,75 mm</p> <p>Warranty : 1 year (parts and labor)</p> <p>Manufacturer : Qeedji</p>

Block Diagram



Ordering Information

Platform
Reference

Description

SAP10E

Slate Access Point

Qeedji

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RoHS
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The SBL10e occupancy indicator light is particularly suitable for office environments in smart buildings.

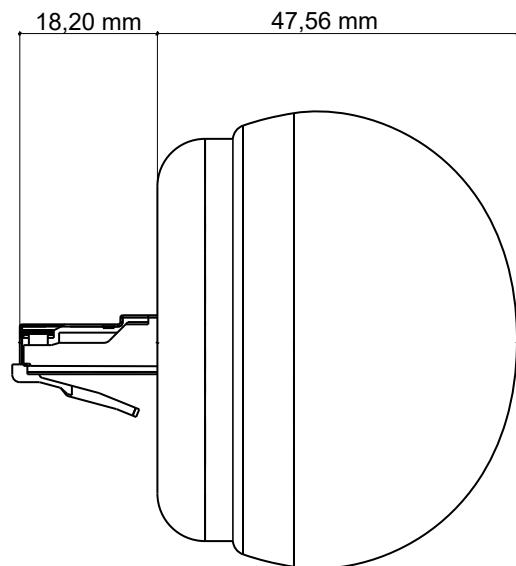
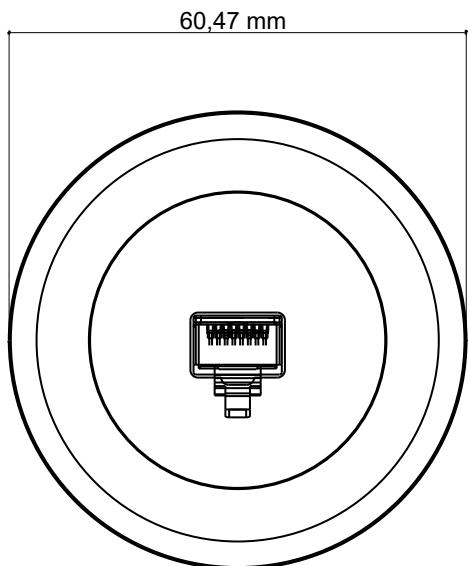
Connected directly to a RJ45 powered plug (PoE), its commissioning is very fast. It is equipped with LED light which diffuses a green, red, blue, yellow or orange light.

The way to control the scattered light depends on the firmware installed on the device. In its standard version, the light commands can be requested by a simple HTTP request or WEB Browser.

Several versions of firmware exist to directly synchronize with the occupancy status available in a digital building twin or from a room booking system such as MS-Exchange or GSuite.

Strengths	Specification
<ul style="list-style-type: none"> ▪ Power Over Ethernet (PoE) ▪ RJ45 male integrated ▪ Very low power: 0,75W ▪ Beacon BLE 5 compliant ▪ Modular firmware 	<p>Settings : HTML5 Web UI</p> <p>Protocols : HTTP(S), IPv4</p> <p>Processors : Nordic Semiconductor nRF52 ARM CryptoCell 310</p> <p>Peripherals : 1x male RJ45 PoE 802.3af 1x Bluetooth 5</p> <p>Storage : Internal Flash memory</p> <p>Software compatibility : REST API MS-Exchange/Office 365 GSuite</p> <p>Network : 1x Ethernet 10/100 BaseT 1x Bluetooth 5 (long range BLE)</p> <p>Power supply : PoE 802.3af</p> <p>Environment : Temperature: 0 ~ 40°C</p> <p>Physical Characteristics : Weight: 35 gr Dimensions: 47,56 x 60,47 mm</p> <p>Warranty : 1 year (parts and labor)</p> <p>Manufacturer : Qeedji</p>

Block Diagram



Ordering Information

Platform
Reference

Description

SBL10E

Smart Busy Light

Qeedji

www.qeedji.tech
sales@qeedji.tech

Because your image matters

Qeedji

 sales@qeedji.tech
www.qeedji.tech