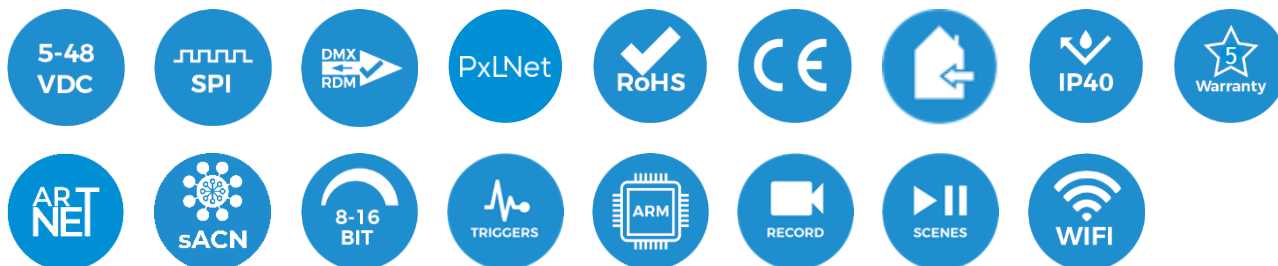


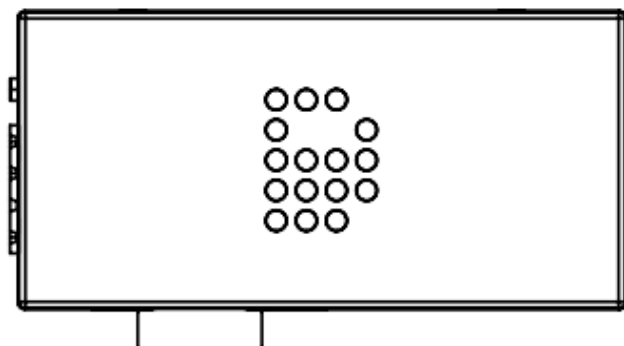
## DiGidot C1

*Specification sheet*

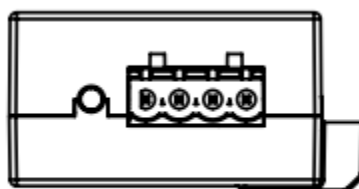
# PUSHING CONTROL BOUNDARIES



Meet our smallest powerhouse yet: packed with the full DiGidot engine, this compact marvel offers flexible live and extended licensing, so you can tailor it precisely to your project's needs. With a form factor small enough to fit in the palm of your hand and optional DIN-rail accessories, it's easy to install and conceal in any setup. Get ready for powerful performance in a discreet package!



Top



Side

# DiGidot C1

## Specification sheet

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### Description

The DiGidot C1 is our most compact powerhouse, combining years of expertise into a budget-friendly solution—all while staying fully integrated within the DiGidot platform.

Equipped with a four-pin header on the front, the C1 offers versatile output options: Data, Data Clock, DMX, or PxLNet<sup>1</sup>. Need to scale up? The integrated switch allows seamless expansion—just connect additional DiGidot products and enjoy complete control via the intuitive DiGidot Engine through the app or web interface.

Designed for flexibility, the onboard voltage regulator supports a wide range of inputs from 5 VDC to 48 VDC. The SD card slot follows the same structure as its larger counterparts, and the built-in WiFi chip ensures effortless maintenance and updates, making system management a breeze.

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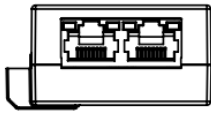
### Features

- The smallest of its kind
- Build on the highly adaptable DiGidot engine
- Flexible port configuration
- Internal Ethernet Switch
- Internal Wi-Fi
- Flexible operating voltage (5 – 48 VDC)
- SD Card for triggers, scenes and settings
- Onboard button
- External triggers

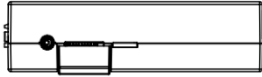
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<sup>1</sup> Available later in the year

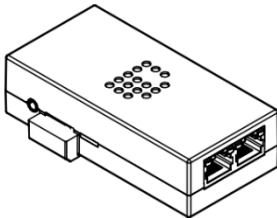
# Technical drawings



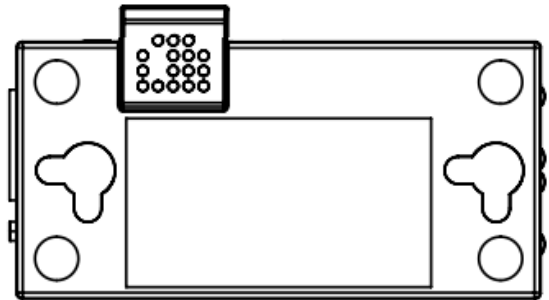
Input Side (H: 30mm)



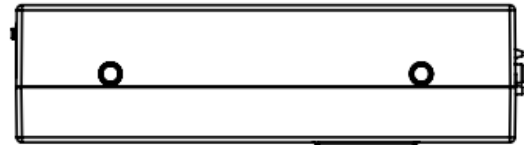
Power Side



Isometric



Top



Bottom

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# Specifications

## Electrical

Input Voltage	5-48 VDC
Max. Power Consumption	5 W

## Mechanical

Housing Material	Acrylonitril-Butadien-Styreen (ABS)
Dimensions	95 x 45 x 25 mm   3746 x 1772 x 984 mil

Net Device Weight	74 gr   2.61 oz
Package Weight	140 gr   4.94 oz
Mounting	Screw

## Environmental

Operation Temperature (Tc)	0 to 50 °C   32 to 122 °F
Ambient Temperature (Ta)	40 °C   104 °F
Storage Temperature	-20 to 50 °C   -4 to 122 °F
Operating Relative Humidity	90% (indoor use only)

## Protection

IP Rating	IP40
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## Control

Input Protocols	Art-Net, sACN, DMX512
Output Protocols	Art-Net, DMX512, DMX TTL, RDM, SPI, UDP, OSC
Output Ports	One (Two pins for DMX, PxLNet and Data(+Clock))
Ethernet	RJ45, 10/100 Base-TX Ethernet
Wi-Fi	802.11 b/g/n (HT20)
Frequency range	2.4 GHz (2400M ~ 2483.5M)
Tx Power	Max. +20 dBm
Antenna	Internally
Wi-Fi security	WPA, WPA2
Encryption	WEP/TKIP/AES
Trigger options	max. 3 analog inputs Onboard Button Power Up Sunset/Sunrise Art-Net/sACN/DMX HTTP-Get, OSC, UDP Internal tasks
Programming & Control	DiGidot web-based user interface Compatible Apps Any type of Art-Net or sACN software/device

## Connectivity

Max. Power Wiring	2,5 mm <sup>2</sup>   12 AWG
Max. Data Wiring	0,2 mm <sup>2</sup>   26 AWG
Network	2x RJ45
IO Port	4 pins In-and Output
Trigger Input	3.5 mm TRRS mini jack (4 – pins)

## Quality

Warranty

5 years carry in factory warranty

Compliances

CE, RoHS, pending ETL (expected 2025)

Applied standards

EN60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013, IEC60950-1/EN60950-1, EN61006-6-3, EN55032

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## Safety Instructions

Before installing DiGidot products it's important to take notice of following safety and installation instructions.

- > Before installation and use of this product, read this manual carefully.
- > Make sure that these instructions are handed over to the end-user and those responsible for installation, use and maintenance.
- > Local electrical and safety rules and guidelines always overrule this manual.
- > Installation should only be carried out by a professional and certified installer that is qualified to work on the electric installation.
- > Do not conduct any repairs of the device (there are no user serviceable parts inside). Any unapproved repairs and/or product modifications will void product warranty. DiGidot Technologies B.V. cannot be held liable for any consequences.
- > Repairs of this product may only be carried out by the manufacturer DiGidot Technologies B.V.
- > Repairs and maintenance on the installation may only be carried out by qualified technicians.
- > Always disconnect the mains power when working on a high voltage electric installation, not doing so may result in product damage and/or personal injuries.
- > Do not connect or modify this product other than described in this manual.
- > Never use a product that is damaged or does not work correctly or when the product starts to smoke, or when a crackling/sizzling noise is audible. If this is the case in any way, disconnect power and please contact your supplier immediately.
- > The only way to power off this product is to disconnect it from the power source.
- > The product is designed for indoor use (dry locations) only.

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## Packaging, Orderable Information

### Content

- > 1x DiGidot C1
- > 1x 4 Pins Screw Terminal
- > Quick start Instruction card

#### NOTE

We put great care in our products and have a high quality control standard. Nonetheless we advise to double check for missing or damaged items.

In case of any missing or damaged items, please contact your supplier immediately.  
Never use damaged products!

### Order Information

#### Product Name

Combinations  
DiGidot C1 Live 4  
DiGidot C1 Extended 1

#### Article nr.

21101  
21201

#### EAN Code

8720168565877  
8720168565884

#### Related Items

DiGidot Din-Rail Mount



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# General Information

## Online Resources

Before For technical specifications, latest documentation, manuals, product information and further support please visit [www.digidot.eu](http://www.digidot.eu).

## Remarks

We have put great care in writing this manual. However, in case you encounter any discrepancies or unclarities, please contact us.

## Warranty

This product is covered by a carry-in manufacturer's warranty of 5 years which covers any design faults, production faults and component failures.

Warranty voids if the product was installed or used incorrectly or not in accordance with this manual, and/or if the product was damaged due to external factors, modified or electrically overloaded. Warranty conditions of DiGidot Technologies B.V. apply. Warranty claims have to be issued by email: [support@digidot.eu](mailto:support@digidot.eu).

## Disposal and recycling

This product should not be disposed with other household waste. When you decide to dispose this product and/or its battery, do so in accordance with local environmental and recycling regulations.

## Feedback

Tell us all about your experience with DiGidot! The continuous development of the DiGidot control platform is only possible thanks to feedback from our users. If you have any suggestions, please contact us by email: [info@digidot.eu](mailto:info@digidot.eu).

## Copyright

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## Feedback

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materialistic or personal consequences that are directly or indirectly caused by use of this product or its owner or user. Any form of unintended or misuse of this information and/or DiGidot products indemnifies DiGidot Technologies B.V. from liability and warranty obligations



## DiGidot C1

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+31 (0) 20 820 1849

### E-mail

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### Website

[www.digidot.eu](http://www.digidot.eu)



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