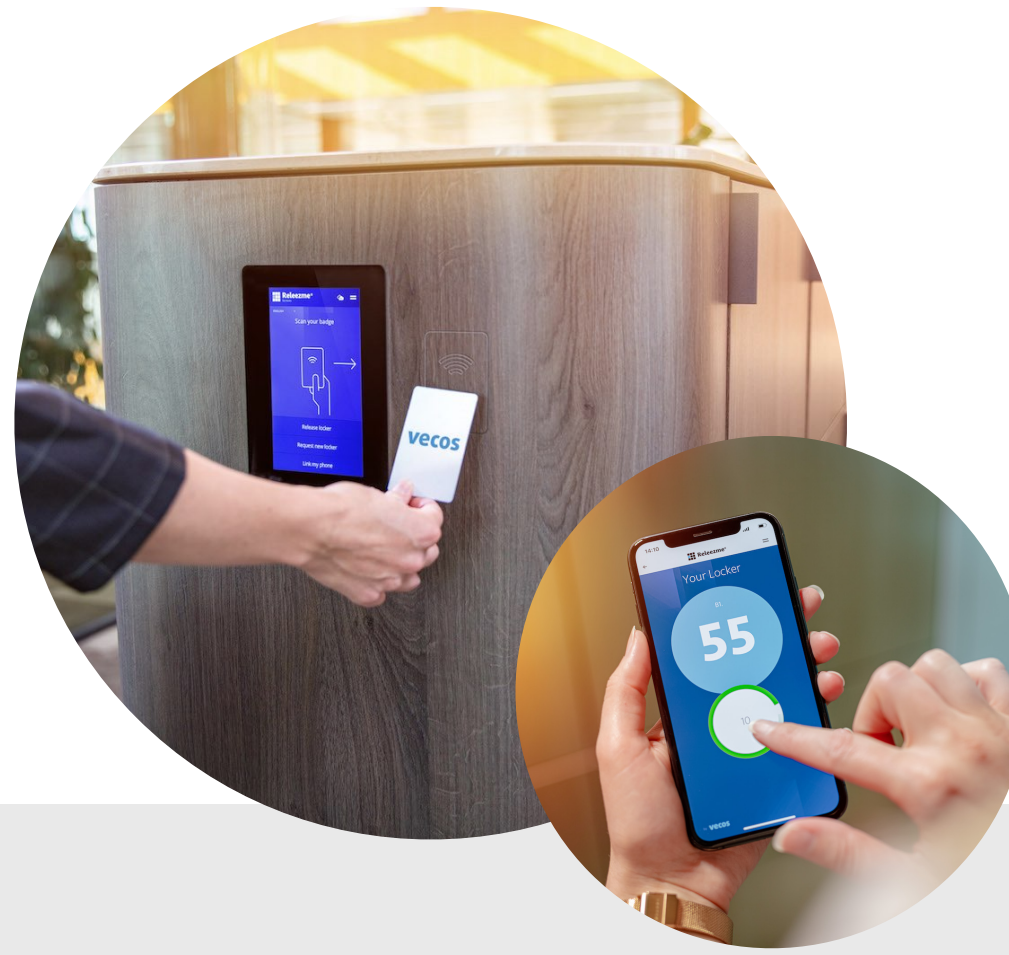


Goodbye traditional office, hello smart locker technology.

The way we work is changing and flexibility is now expected. Hybrid working encourages people and teams to work in the way that suits them best, unlocked from fixed desks. With the Vecos self-service smart locker system, your people can work how they want, with secure storage available to them on-demand, when and where they need it.



Work from anywhere. Manage more efficiently.

Whether you have a fixed or flexible office setup, the Vecos solution can be customized for all situations:

- Works with any locker design or material
- Easy to use and manage remotely
- Configured for employee-lockers, team-, post & collection-, changing room-, static or day lockers
- Fully customizable, adaptive to changing needs
- Integrated and automated with 50+ workplace Apps, employee data- and access management systems

Benefits for management:

- Saves up to 90% time - fully automated locker management and no more hassle with keys or pins
- User-friendly software and remote access, including automated user notifications
- Remote access, real-time view on usage, data insights

Benefits for employees:

- On-demand, self-serve, hassle-free storage
- Easy to open, switch, share and release
- Integrated USB port in the locker
- Easy and safe to use
- Efficient remote management support available

Flexible innovation from workplace experts

The Vecos smart locker system gives managers real-time insight into the use of lockers and enables you to assign, open, block and release lockers remotely. Our workplace experts will configure the system to your exact needs. One smart system, so many ways to use it!



We help people and workplaces to flex

Don't pay for air

Did you know that 40% of office lockers go unused?

Self-serve lockers are hassle-free

Your people can help themselves to more than just the coffee.

Better for the finance team and the planet

A more flexible and sustainable approach to workplace storage.

Flex to be future-ready

Smart locker technology enables you to adapt quickly when workplace needs change.

700,000
smart lockers
online

1.4m
daily users
and growing

40+
countries
active

50+
active API
integrations



"We are on the same path. It's not just changing furniture, it's changing the way you operate"
Marc Zuilli, CIO, Deloitte France

[>> Watch the case study](#)

Vecos already powers these frontrunners



Let's talk flex!

Discover how smart lockers can support your specific workplace needs and make your ambitious workplace visions, a well-functioning reality. Book a call at www.vecos.com

VECOS

The Smart Locker System

HUB V3-24 Datasheet Rev 1.6



Technical information:

Article number	: PC18008S0
Description	: Lock Connection Box
Model no.	: HUB V3-24
Input voltage	: 27.0Vdc
Idle power use	: 0.25W (excl. connected locks)
Protection input	: -
Protection output	: overload, Thermal shutdown : Polyfuse 4 x 1.5A@20°C
Operating temp.	: -5 °C ... +45 °C
Storage temp.	: -30 °C ... +80 °C
Humidity	: 0% ... 85% non-condensing
Housing	: UL94-V0 Fire Enclosure
Environment	: Indoor, Clean and dry
Max. Height	: 4000m [3280 ft]
Dimensions	: 159 x 81 x 30mm (l x w x h)
Safety & EMC	: CE, cULus, FCC Part 15B Class B, : ICES-003 Class B, RoHS, REACH
Max. locks	: 24 pcs VECOS V3 series locks
Mounting	: 2x DIN 7985 M4 x 16 or : 2x DIN 7891 3.9 x 16

Included parts:

- HUB Communication cable 3m
- HUB Power cable red/black 3m

Warning:

- Installation and servicing should be performed only by VECOS Europe B.V. qualified and experienced technicians to conform to all local codes and to maintain your warranty. Warranty is void when the Lock is opened.
- The HUB may only be connected to VECOS V3 series Locks, the LBC3 terminal and one of the approved power supplies.
- The lock cables needs to be a cULus Recognised cable with a min. gauge of 26 AWG, a voltage rating of 30 V and a temperature rating of -20 °C ... + 60 °C. The 6P6C RJ12 plugs on the cables needs to have gold flash on the contacts.
- The data cables needs to be a cULus Recognised cable with a min. gauge of 26 AWG, a voltage rating of 30 V and a temperature rating of -20 °C ... + 60 °C. The 8P8C RJ45 plugs on the cables needs to have gold flash on the contacts.
- The power cable needs to be an UL recognised cable which has a minimum wire gauge of 16 AWG, a voltage

rating of 300 V and a temperature rating of -20 °C ... + 80 °C.

- The HUB V3-24 may only be powered by one of the following cULus Recognized Power Supplies by Mean Well Enterprises Co., Ltd.:
 - HLG-185H-24TE10
 - HLG-185H-24TE11
 - HLG-480H-30TE10
 - HLG-480H-30TE11
 - HEP-185-24A
 - HEP-240-24A
 - HEP-320-24A

Risk of electric shocks:

Unprofessional installation and repairs can introduce great danger to the user of the equipment.

- When a cable is damaged: Disconnect the Cable and Lock/LBC3 from the HUB V3-24 controller.
- Repairs on the HUB V3-24 may exclusively be performed by the manufacturer or a trained and VECOS Europe B.V. qualified person.
- Only original parts as specified by the manufacturer may be used. The manufacturer guaranties only parts which fulfil the safety requirements.
- A new cable may only be created and/or installed by a qualified technician.

Use cases:

Warning: This equipment is not intended for domestic use. Operation of this equipment in a residential environment could cause radio interference!

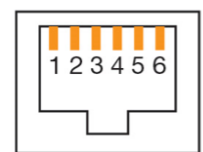
Accessibility:

When the HUB is assembled in the cabinet, the cable must not be accessible without specific tools and/or keys.

Connect the wiring:

The HUB has 8 RJ12 outputs (see first picture), split up in 4 pairs, each pair can have 6 V2/V3 locks connected in 1 loop.

- 1 - GND
- 2 - GND
- 3 - 24Vdc
- 4 - Block
- 5 - RS485-B
- 6 - RS485-A



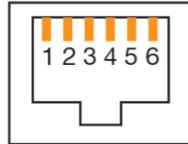
RJ12 Socket as viewed

HUB V3-24 Datasheet Rev 1.6



The lock has 2 RJ45 connectors, both are identical:

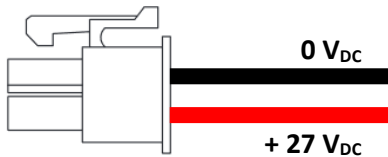
- 1 - NC
- 2 - Block-2 Common
- 3 - Block-1 Common
- 4 - RS485-B
- 5 - RS485-A
- 6 - Block-1
- 7 - Block-2
- 8 - NC



RJ12 Socket as viewed

Power:

The terminals may only be applied to the power cable with tools described by the terminal manufacturer.



DIPswitches:

- 1 - Key switch input connected to Block open
- 2 - Bus Block 1 signal connected to Block open
- 3 - Bus Block 2 signal connected to Block open
- 4 - RS485 Termination (activate on last HUB)

The 2-pin white Keyswitch input is used when SW-1 is activated.

ISED EMC Declaration:

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de Classe B est conforme à la norme Canadienne ICES-003.

FCC Information to the User:

This equipment has been tested and found to comply with the limits for a Class B digital devices, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequent energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does not cause harmful interference to radio or television reception, which can be determine by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- To ensure compliance with FCC regulations, use only the interface cables provided with the product, or additional specified components or accessories that can be used with the installation of the product.

Canada & USA:

The equipment supplied is part of the "Releezme V3 Hardware"

system and is cULus approved with File number E513979, CCNs AZOT/AZOT7 according to UL 62368-1 and CSA C22.2 No. 62368-1-14 Audio/Video, Information and Communication Technology Equipment – part 1: Safety requirements - Edition 2 – Issue Date 2014/12/01

CE & UKCA:

Hereby VECOS Europe B.V. declares that the subject equipment is in compliance with the:

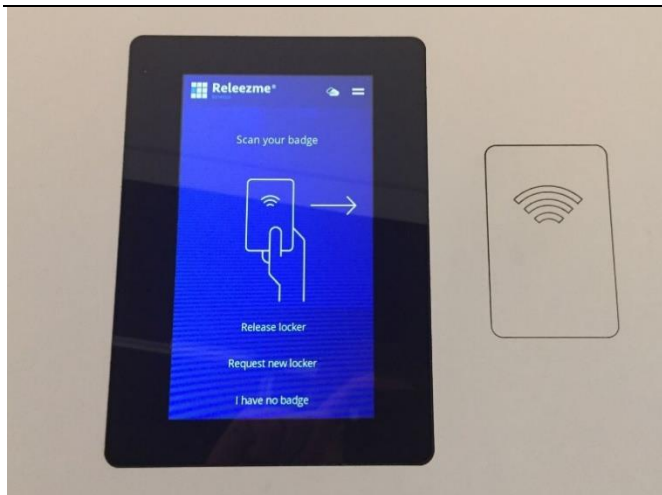
- EMC directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- RoHS Directive 2011/65/EU and (EU) 2019/171

The full text of the EU Declaration of Conformity is available upon request.

Support:

VECOS Europe B.V.
 ESP 237
 5633 AD Eindhoven
 The Netherlands
 +31 (0) 40 3686030
ServiceDesk@vecos.com

LBC3 Datasheet Rev 1.8



Technical information:

Article number	: TM15001/0
Description	: Terminal
Model no.	: LBC 3.0 Colour Touchscreen
Input voltage	: 27.0Vdc
Typ. power use	: 3 - 5W
Max power use	: 15W
Operating temp.	: -5 °C ... +45 °C
Storage temp.	: -30 °C ... +80 °C
Humidity	: 0% ... 85% non-condensing
Housing	: UL94-V0 Fire enclosure
Environment	: Indoor, Clean and dry
Max. Height	: 4000m [3280 ft]
LAN	: 100MB Full duplex
Dimensions	: 190 x 134 x 62mm (h x w x d)
(+ brackets)	: 190 x 157 x 62mm
(+ reader)	: 190 x 240 x 62mm
QR code content	: Serial number and MAC address
Glass type	: Gorilla glass 5
Safety & EMC	: CE, cULus, FCC Part 15B Class B, : ICES-003 Class B, RoHS, REACH
Mounting	: Bracket and screws included

Included in the box:

- LBC3.0 Colour Touchscreen
- Mounting brackets
- Mounting screws
- This manual

Included parts:

- HUB Communication cable 3m
- HUB Power cable red/black 3m

Optional parts:

MO13007/0	LBC 3.0 Blind Reader Bracket
CS12012/0	LBC 3.0 Metal Mounting Front HID
CS12012/1	LBC 3.0 Metal Wall Mounting Front HID

Warning:

- Installation and servicing should be performed only by VECOS Europe B.V. qualified and experienced technicians to conform to all local codes and to maintain your warranty. Warranty is void when the LBC3 is opened.
- The LBC3 may only be connected to the VECOS HUB V3-24 controller. The data cable needs to be a cULus Recognised cable with a min. gauge of 26 AWG, a voltage rating of 30 V and a temperature rating of -20 °C ... + 60 °C. The 8P8C RJ45 plugs on the cables needs to have gold flash on the contacts. The power cable needs to be an UL recognised cable which has a minimum wire gauge of 16 AWG, a voltage rating of 300 V and a temperature rating of -20 °C ... + 80 °C.
- The HUB V3-24 may only be powered by one of the following cULus Recognized Power Supplies by Mean Well Enterprises Co., Ltd.:
 - HLG-185H-24TE10
 - HLG-185H-24TE11
 - HLG-480H-30TE10
 - HLG-480H-30TE11
 - HEP-185-24A
 - HEP-240-24A
 - HEP-320-24A

Risk of electric shocks:

Unprofessional installation and repairs can introduce great danger to the user of the equipment.

- When the cable is damaged: Disconnect the Cable and LBC3 from the HUB V3-24 controller.
- Repairs on the LBC3 may exclusively be performed by the manufacturer or a trained and VECOS Europe B.V. qualified person.
- Only original parts as specified by the manufacturer may be used. The manufacturer guaranties only parts which fulfil the safety requirements.
- A new cable may only be created and/or installed by a qualified technician.

Use cases:

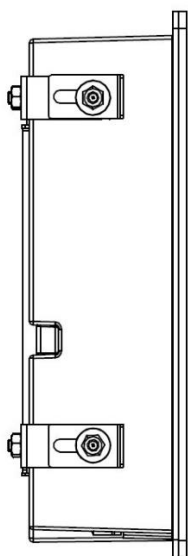
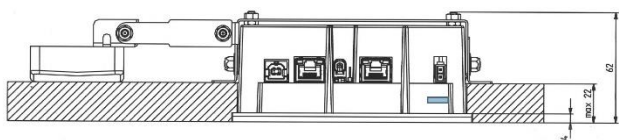
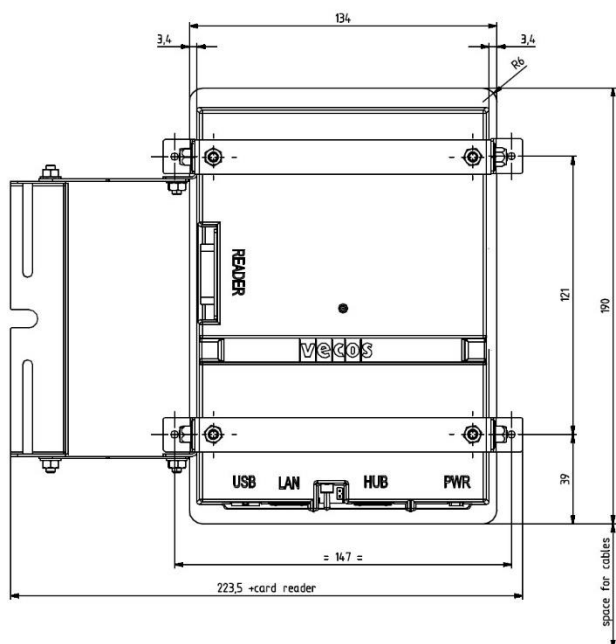
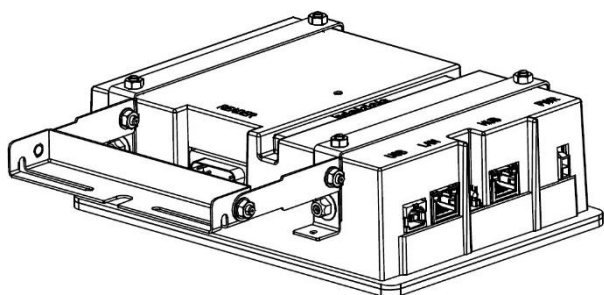
Warning: This equipment is not intended for domestic use. Operation of this equipment in a residential environment could cause radio interference!

Accessibility:

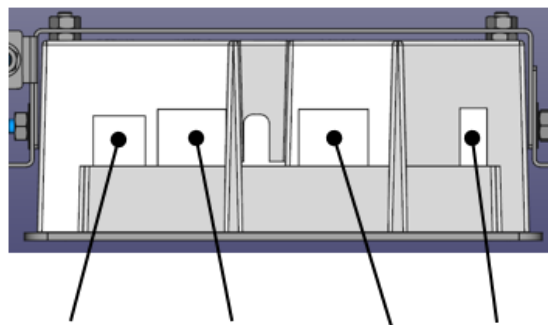
When the LBC3 is assembled in the cabinet, the cable must not be accessible without specific tools and/or keys.

LBC3 Datasheet Rev 1.8

Dimensions:



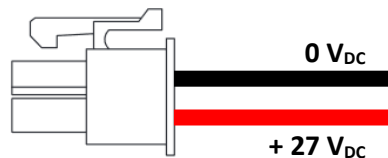
Connect the wiring



USB type: AB service COM port RJ45 Ethernet connection (100Base TX) RJ45 RS485 Hub +27 V_{DC} Power

Power:

The terminals may only be applied to the power cable with tools described by the terminal manufacturer.



Jumper:

Default placed to activate the RS485 termination, remove if LBC3 is not connected to the end of the RS485 cable.

Emergency open Switch:

Middle position is off.
To front: Block 1 active.
To back: Block 2 active.

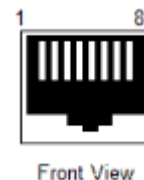
LAN:

Standard network cable CAT5 or higher (100MB)
LED Yellow: Indication data activity/Link
LED Yellow/Green: Indication speed 10/100MB

RS485 (RJ45):

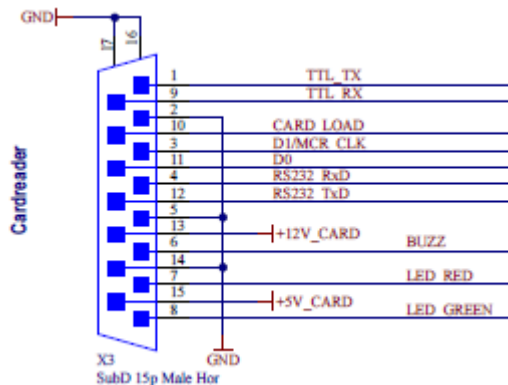
Identical connections as the HUB V1/V2/V3
LED Orange: Indication data send
LED Green: Indication data received

- 1 - NC
- 2 - Block-2 Common
- 3 - Block-1 Common
- 4 - RS485-A
- 5 - RS485-B
- 6 - Block-1
- 7 - Block-2
- 8 - NC



LBC3 Datasheet Rev 1.8

Reader (DB15M):



- 1 - RS232-TX-TTL
- 2 - GND
- 3 - D1 / CLK Card Clock
- 4 - RS232-RX-PC
- 5 - GND
- 6 - Buzzer (output OC)
- 7 - LED-Red (output OC)
- 8 - LED-Green (output OC)
- 9 - RS232-RX-TTL
- 10 - CLS Card Load
- 11 - D0 / CLD Card Data
- 12 - RS232-TX-PC
- 13 - +12v max 300mA
- 14 - GND
- 15 - +5v max 300mA

ISED EMC Declaration:

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de Classe B est conforme à la norme Canadienne ICES-003.

FCC Information to the User:

This equipment has been tested and found to comply with the limits for a Class B digital devices, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequent energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does not cause harmful interference to radio or television reception, which can be determine by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- To ensure compliance with FCC regulations, use only the interface cables provided with the product, or additional specified components or accessories that can be used with the installation of the product.

Canada & USA:

The equipment supplied is part of the "Releezme V3 Hardware"

system and is cULus approved with File number E513979, CCNs AZOT/AZOT7 according to UL 62368-1 and CSA C22.2 No. 62368-1-14 Audio/Video, Information and Communication Technology Equipment – part 1: Safety requirements - Edition 2 – Issue Date 2014/12/01

CE & UKCA:

Hereby VECOS Europe B.V. declares that the subject equipment is in compliance with the:

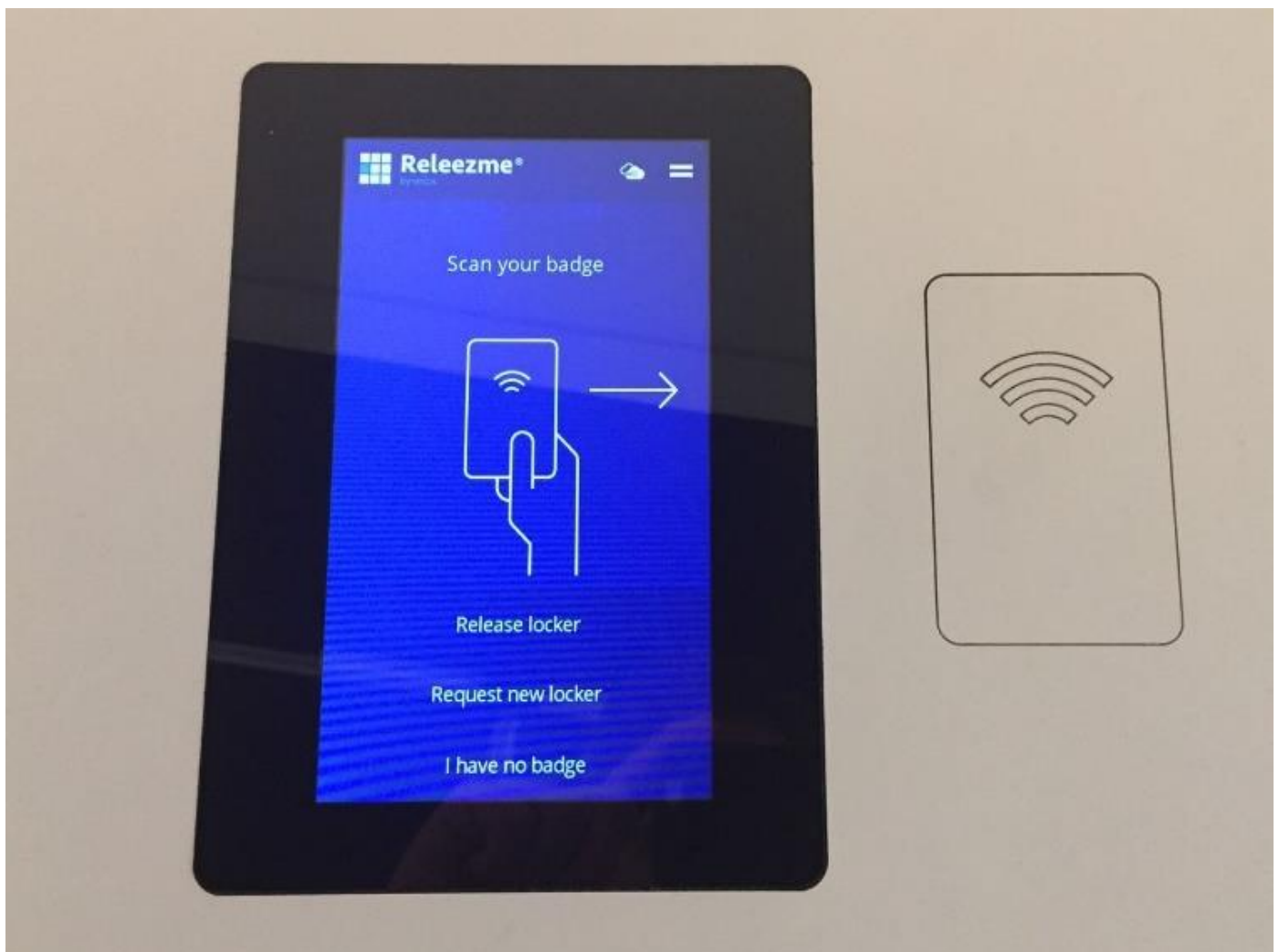
- EMC directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- RoHS Directive 2011/65/EU and (EU) 2019/171

The full text of the EU Declaration of Conformity is available upon request.

Support:

VECOS Europe B.V.
 ESP 237
 5633 AD Eindhoven
 The Netherlands
 +31 (0) 40 3686030
ServiceDesk@vecos.com

LBC 3.0 Colour Touchscreen



VECOS V3 Lock Datasheet Rev 1.6



Technical information:

Article number	: AC17012/1
Description	: VECOS Locker Lock
Model no.	: V3
Input voltage	: 27.0Vdc
Idle power use	: 0.3W
Max power use	: 7.5W (incl. USB charging)
USB voltage	: 5Vdc
USB Max load	: 1x1000mA
RFID Frequency	: -
FCC ID	: -
USB Protection	: Max. limit and shortcut
Operating temp.	: -5 °C ... +45 °C
Storage temp.	: -30 °C ... +80 °C
Humidity	: 0% ... 85% non-condensing
Housing	: UL94-V0 Fire enclosure
Environment	: Indoor, Clean and dry
Max. Height	: 4000m [3280 ft]
Max. torque	: 2.0Nm (max screw force)
Dimensions	: 134 x 85 x 29mm (h x w x d)
Safety & EMC	: CE, cULus, FCC Part 15B Class B, : ICES-003 Class B, RoHS, REACH
Mounting Lock	: 4x DIN 965 M4 x 40 or : 4x DIN 7982 3.9 x 45
Mounting Slider	: 2x DIN 7985 M5 x 16 or : 2x DIN 7891 3.9 x 16
Supported cards	: -

Included parts:

- VECOS V3 Door Slider

Optional parts:

- Design LED indicator 16mm [0.16 inch]
- Lock cable 0.50m [19.7 inch] Black
- Lock cable 0.60m [23.6 inch] Red
- Lock cable 1.00m [3.3 ft] Yellow
- Lock cable 1.30m [4.3 ft] Green
- Lock cable 1.80m [5.9 ft] Brown or Blue
- Lock cable 2.30m [7.5 ft] Black
- Lock cable 2.65m [8.7 ft] Red
- Lock cable 3.00m [9.8 ft] Yellow
- Lock cable 3.35m [11 ft] Green

- Lock cable 3.70m [12.1 ft] Brown
- Lock cable 5.00m [16.4 ft] Red
- Lock cable 8.00m [26.2 ft] Yellow

For USA & Canada:

Only cables up to 3.05 m [10 feet] can be ordered. External interconnecting cables and wiring longer than 3.05 m [10 ft] can be sourced locally and they need to be regulated by the Canadian Electrical Code, Part I, CSA C22.1, and the National Electrical Code, NFPA 70.

Warning:

- Installation and servicing should be performed only by VECOS Europe B.V. qualified and experienced technicians to conform to all local codes and to maintain your warranty. Warranty is void when the Lock is opened.
- The Lock may only be connected to the VECOS HUB V3-24 controller. The cable needs to be a cULus Recognised cable with a min. gauge of 26 AWG, a voltage rating of 30 V and a temperature rating of -20 °C ... + 60 °C. The 6P6C RJ12 plugs on the cables needs to have gold flash on the contacts.
- The HUB V3-24 may only be powered by one of the following cULus Recognized Power Supplies by Mean Well Enterprises Co., Ltd.:
 - HLG-185H-24TE10
 - HLG-185H-24TE11
 - HLG-480H-30TE10
 - HLG-480H-30TE11
 - HEP-185-24A
 - HEP-240-24A
 - HEP-320-24A

Risk of electric shocks:

Unprofessional installation and repairs can introduce great danger to the user of the equipment.

- When the cable is damaged: Disconnect the Cable and Lock from the HUB V3-24 controller.
- Repairs on the Lock may exclusively be performed by the manufacturer or a trained and VECOS Europe B.V. qualified person.
- Only original parts as specified by the manufacturer may be used. The manufacturer guaranties only parts which fulfil the safety requirements.
- A new cable may only be created and/or installed by a qualified technician.

Use cases:

VECOS V3 Lock Datasheet Rev 1.6

Warning: This equipment is not intended for domestic use. Operation of this equipment in a residential environment could cause radio interference!

Accessibility:

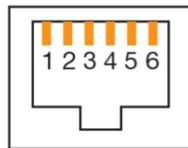
When the Lock is assembled in the cabinet, the cable must not be accessible without specific tools and/or keys.

Connect the wiring:



The lock has 2 RJ12 connectors, both are identical:

- 1 - GND
- 2 - GND
- 3 - 24Vdc
- 4 - Block
- 5 - RS485-B
- 6 - RS485-A



RJ12 Socket as viewed

ISED EMC Declaration:

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de Classe B est conforme à la norme Canadienne ICES-003.

FCC Information to the User:

This equipment has been tested and found to comply with the limits for a Class B digital devices, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequent energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does not cause harmful interference to radio or television reception, which can be determine by turning the equipment off and on, the

user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- To ensure compliance with FCC regulations, use only the interface cables provided with the product, or additional specified components or accessories that can be used with the installation of the product.

Canada & USA:

The equipment supplied is part of the "Releezme V3 Hardware" system and is cULus approved with File number E513979, CCNs AZOT/AZOT7 according to UL 62368-1 and CSA C22.2 No. 62368-1-14 Audio/Video, Information and Communication Technology Equipment – part 1: Safety requirements - Edition 2 – Issue Date 2014/12/01

CE & UKCA:

Hereby VECOS Europe B.V. declares that the subject equipment is in compliance with the:

- EMC directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- RoHS Directive 2011/65/EU and (EU) 2019/171

The full text of the EU Declaration of Conformity is available upon request.

Support:

VECOS Europe B.V.
 ESP 237
 5633 AD Eindhoven
 The Netherlands
 +31 (0) 40 3686030
ServiceDesk@vecos.com


Technical information:

Article number	: AC17013/0
Description	: VECOS Locker Lock
Model no.	: V3+
Input voltage	: 27.0Vdc
Idle power use	: 0.4W
Max power use	: 7.6W (incl. USB charging)
USB voltage	: 5Vdc
USB Max load	: 1x1000mA or 2x500mA
RFID Frequency	: 13.56Mhz (NXP)
FCC ID	: 2ACYAV3NXP1, IC: 25896-V3NXP1
USB Protection	: Max. limit and shortcut
Operating temp.	: -5 °C ... +45 °C
Storage temp.	: -30 °C ... +80 °C
Humidity	: 0% ... 85% non-condensing
Housing	: UL94-V0 Fire enclosure
Environment	: Indoor, Clean and dry
Max. Height	: 4000m [3280 ft]
Max. torque	: 2.0Nm (max screw force)
Dimensions	: 134 x 85 x 29mm (h x w x d)
Safety & EMC	: CE, cULus, FCC Part 15B Class B, : ICES-003 Class B, RoHS, REACH
Mounting Lock	: 4x DIN 965 M4 x 40 or : 4x DIN 7982 3.9 x 45
Mounting Slider	: 2x DIN 7985 M5 x 16 or : 2x DIN 7891 3.9 x 16
Supported cards	: NFC, ISO14443 A&B, Mifare, : ISO15693 and ISO18000-3M3

Included parts:

- VECOS V3 Door Slider

Optional parts:

- Design LED indicator 16mm [0.16 inch]
- Lock cable 0.50m [19.7 inch] Black
- Lock cable 0.60m [23.6 inch] Red
- Lock cable 1.00m [3.3 ft] Yellow
- Lock cable 1.30m [4.3 ft] Green
- Lock cable 1.80m [5.9 ft] Brown or Blue
- Lock cable 2.30m [7.5 ft] Black
- Lock cable 2.65m [8.7 ft] Red

- Lock cable 3.00m [9.8 ft] Yellow
- Lock cable 3.35m [11 ft] Green
- Lock cable 3.70m [12.1 ft] Brown
- Lock cable 5.00m [16.4 ft] Red
- Lock cable 8.00m [26.2 ft] Yellow

For USA & Canada:

Only cables up to 3.05 m [10 feet] can be ordered. External interconnecting cables and wiring longer than 3.05 m [10 ft] can be sourced locally and they need to be regulated by the Canadian Electrical Code, Part I, CSA C22.1, and the National Electrical Code, NFPA 70.

Warning:

- Installation and servicing should be performed only by VECOS Europe B.V. qualified and experienced technicians to conform to all local codes and to maintain your warranty. Warranty is void when the Lock is opened.
- The Lock may only be connected to the VECOS HUB V3-24 controller. The cable needs to be a cULus Recognised cable with a min. gauge of 26 AWG, a voltage rating of 30 V and a temperature rating of -20 °C ... + 60 °C. The 6P6C RJ12 plugs on the cables needs to have gold flash on the contacts.
- The HUB V3-24 may only be powered by one of the following cULus Recognized Power Supplies by Mean Well Enterprises Co., Ltd.:
 - HLG-185H-24TE10
 - HLG-185H-24TE11
 - HLG-480H-30TE10
 - HLG-480H-30TE11
 - HEP-185-24A
 - HEP-240-24A
 - HEP-320-24A

Risk of electric shocks:

Unprofessional installation and repairs can introduce great danger to the user of the equipment.

- When the cable is damaged: Disconnect the Cable and Lock from the HUB V3-24 controller.
- Repairs on the Lock may exclusively be performed by the manufacturer or a trained and VECOS Europe B.V. qualified person.
- Only original parts as specified by the manufacturer may be used. The manufacturer guaranties only parts which fulfil the safety requirements.
- A new cable may only be created and/or installed by a qualified technician.

Use cases:

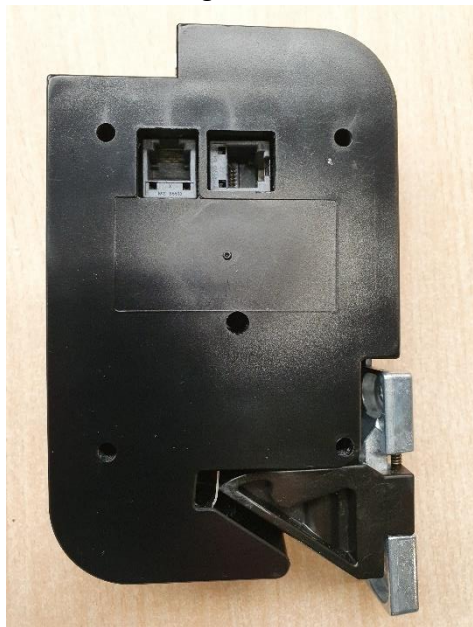
VECOS V3+ Lock Datasheet Rev 1.8

Warning: This equipment is not intended for domestic use. Operation of this equipment in a residential environment could cause radio interference!

Accessibility:

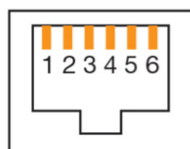
When the Lock is assembled in the cabinet, the cable must not be accessible without specific tools and/or keys.

Connect the wiring:



The lock has 2 RJ12 connectors, both are identical:

- 1 - GND
- 2 - GND
- 3 - 24Vdc
- 4 - Block
- 5 - RS485-B
- 6 - RS485-A



RJ12 Socket as viewed

FCC and ISED Radiation Exposure Statement:

This equipment complies with FCC and Canadian radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme a RSS-102 limites énoncées pour un environnement non contrôlé.

FCC and ISED Compliance statement:

This device complies with part 15 of the FCC Rules and to RSS-210 of Innovation, Science and Economic Development Canada. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Cet appareil se conforme aux normes RSS 210 exemptés de license d'Innovation, Sciences et Développement économique Canada. L'opération est soumis aux deux conditions suivantes:

- (1) cet appareil ne doit causer aucune interférence, et
- (2) cet appareil doit accepter n'importe quelle interférence, y inclus interférence qui peut causer une opération non pas voulu de cet appareil.

Les changements ou modifications n'ayant pas été expressément approuvés par la partie responsable de la conformité peuvent faire perdre à l'utilisateur l'autorisation de faire fonctionner le matériel.

ISED EMC Declaration:

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de Classe B est conforme à la norme Canadienne ICES-003.

FCC Information to the user:

This equipment has been tested and found to comply with the limits for a Class B digital devices, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequent energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does not cause harmful interference to radio or television reception, which can be determine by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- To ensure compliance with FCC regulations, use only the interface cables provided with the product, or additional specified components or accessories that can be used with the installation of the product.
- Consult the dealer or an experienced radio/TV technician for help.

Canada & USA:

The equipment supplied is part of the "Releezme V3 Hardware" system and is cULus approved with File number E513979, CCNs AZOT/AZOT7 according to UL 62368-1 and CSA C22.2 No. 62368-1-14 Audio/Video, Information and Communication Technology Equipment – part 1: Safety requirements - Edition 2 – Issue Date 2014/12/01

VECOS V3+ Lock Datasheet Rev 1.8**CE & UKCA:**

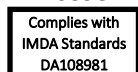
Hereby VECOS Europe B.V. declares that the subject equipment is in compliance with the:

- Radio Equipment directive 2014/53/EU
- RoHS Directive 2011/65/EU and (EU) 2019/171

The full text of the EU Declaration of Conformity is available upon request.

Singapore :

V3+ Complies with IMDA Standards under license number DA108981

**Malaysia:**

V3+ Complies with CID Standards under SLP ID: CIDF22000071

**Taiwan:**

NCC Statement:

「取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。」

Support:

VECOS Europe B.V.
ESP 237
5633 AD Eindhoven
The Netherlands
+31 (0) 40 3686030
ServiceDesk@vecos.com


Technical information:

Article number	: AC17014/0
Description	: VECOS Locker Lock
Model no.	: V3+HID
Input voltage	: 27.0Vdc
Idle power use	: 0.4W
Max power use	: 7.6W (incl. USB charging)
USB voltage	: 5Vdc
USB Max load	: 1x1000mA or 2x500mA
RFID Frequency	: 13.56Mhz (NXP)
FCC ID	: 2ACYAV3NXP1, IC: 25896-V3NXP1
USB Protection	: Max. limit and shortcut
Operating temp.	: -5 °C ... +45 °C
Storage temp.	: -30 °C ... +80 °C
Humidity	: 0% ... 85% non-condensing
Housing	: UL94-V0 Fire enclosure
Environment	: Indoor, Clean and dry
Max. Height	: 4000m [3280 ft]
Max. torque	: 2.0Nm (max screw force)
Dimensions	: 134 x 85 x 29mm (h x w x d)
Safety & EMC	: CE, cULus, FCC Part 15B Class B, : ICES-003 Class B, RoHS, REACH
Mounting Lock	: 4x DIN 965 M4 x 40 or : 4x DIN 7982 3.9 x 45
Mounting Slider	: 2x DIN 7985 M5 x 16 or : 2x DIN 7891 3.9 x 16
Supported cards	: NFC, ISO14443 A&B, Mifare, : ISO15693 and ISO18000-3M3, : iCLASS® SE™, iCLASS Elite®, : iCLASS Seos, iCLASS Seos Elite®

Included parts:

- VECOS V3 Door Slider

Optional parts:

- Design LED indicator 16mm [0.16 inch]
- Lock cable 0.50m [19.7 inch] Black
- Lock cable 0.60m [23.6 inch] Red
- Lock cable 1.00m [3.3 ft] Yellow
- Lock cable 1.30m [4.3 ft] Green
- Lock cable 1.80m [5.9 ft] Brown or Blue
- Lock cable 2.30m [7.5 ft] Black

- Lock cable 2.65m [8.7 ft] Red
- Lock cable 3.00m [9.8 ft] Yellow
- Lock cable 3.35m [11 ft] Green
- Lock cable 3.70m [12.1 ft] Brown
- Lock cable 5.00m [16.4 ft] Red
- Lock cable 8.00m [26.2 ft] Yellow

For USA & Canada:

Only cables up to 3.05 m [10 feet] can be ordered.

External interconnecting cables and wiring longer than 3.05 m [10 ft] can be sourced locally and they need to be regulated by the Canadian Electrical Code, Part I, CSA C22.1, and the National Electrical Code, NFPA 70.

Warning:

- Installation and servicing should be performed only by VECOS Europe B.V. qualified and experienced technicians to conform to all local codes and to maintain your warranty. Warranty is void when the Lock is opened.
- The Lock may only be connected to the VECOS HUB V3-24 controller. The cable needs to be a cULus Recognised cable with a min. gauge of 26 AWG, a voltage rating of 30 V and a temperature rating of -20 °C ... + 60 °C. The 6P6C RJ12 plugs on the cables needs to have gold flash on the contacts.
- The HUB V3-24 may only be powered by one of the following cULus Recognized Power Supplies by Mean Well Enterprises Co., Ltd.:
 - HLG-185H-24TE10
 - HLG-185H-24TE11
 - HLG-480H-30TE10
 - HLG-480H-30TE11
 - HEP-185-24A
 - HEP-240-24A
 - HEP-320-24A

Risk of electric shocks:

Unprofessional installation and repairs can introduce great danger to the user of the equipment.

- When the cable is damaged: Disconnect the Cable and Lock from the HUB V3-24 controller.
- Repairs on the Lock may exclusively be performed by the manufacturer or a trained and VECOS Europe B.V. qualified person.
- Only original parts as specified by the manufacturer may be used. The manufacturer guaranties only parts which fulfil the safety requirements.
- A new cable may only be created and/or installed by a qualified technician.

Use cases:

VECOS V3+HID Lock Datasheet Rev 1.8

Warning: This equipment is not intended for domestic use. Operation of this equipment in a residential environment could cause radio interference!

Accessibility:

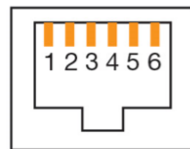
When the Lock is assembled in the cabinet, the cable must not be accessible without specific tools and/or keys.

Connect the wiring:



The lock has 2 RJ12 connectors, both are identical:

- 1 - GND
- 2 - GND
- 3 - 24Vdc
- 4 - Block
- 5 - RS485-B
- 6 - RS485-A



RJ12 Socket as viewed

FCC and ISED Radiation Exposure Statement:

This equipment complies with FCC and Canadian radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme a RSS-102 limites énoncées pour un environnement non contrôlé.

FCC and ISED Compliance statement:

This device complies with part 15 of the FCC Rules and to RSS-210 of Innovation, Science and Economic Development Canada. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Cet appareil se conforme aux normes RSS 210 exemptés de license d'Innovation, Sciences et Développement économique Canada. L'opération est soumis aux deux conditions suivantes:

- (1) cet appareil ne doit causer aucune interférence, et
- (2) cet appareil doit accepter n'importe quelle interférence, y inclus interférence qui peut causer une opération non pas voulu de cet appareil.

Les changements ou modifications n'ayant pas été expressément approuvés par la partie responsable de la conformité peuvent faire perdre à l'utilisateur l'autorisation de faire fonctionner le matériel.

ISED EMC Declaration:

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de Classe B est conforme à la norme Canadienne ICES-003.

FCC Information to the user:

This equipment has been tested and found to comply with the limits for a Class B digital devices, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequent energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does not cause harmful interference to radio or television reception, which can be determine by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- To ensure compliance with FCC regulations, use only the interface cables provided with the product, or additional specified components or accessories that can be used with the installation of the product.
- Consult the dealer or an experienced radio/TV technician for help.

Canada & USA:

The equipment supplied is part of the "Releezme V3 Hardware" system and is cULus approved with File number E513979, CCNs AZOT/AZOT7 according to UL 62368-1 and CSA C22.2 No. 62368-1-14 Audio/Video, Information and Communication Technology Equipment – part 1: Safety requirements - Edition 2 – Issue Date 2014/12/01

VECOS V3+HID Lock Datasheet Rev 1.8**CE & UKCA:**

Hereby VECOS Europe B.V. declares that the subject equipment is in compliance with the:

- Radio Equipment Directive 2014/53/EU
- RoHS Directive 2011/65/EU and (EU) 2019/171

The full text of the EU Declaration of Conformity is available upon request.

Taiwan:

NCC Statement:

「取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。」

Support:

VECOS Europe B.V.
ESP 237
5633 AD Eindhoven
The Netherlands
+31 (0) 40 3686030
ServiceDesk@vecos.com


Technical information:

Article number	: AC17015/0
Description	: VECOS Locker Lock
Model no.	: V3+Legic
Input voltage	: 27.0Vdc
Idle power use	: 0.4W
Max power use	: 7.6W (incl. USB charging)
USB voltage	: 5Vdc
USB Max load	: 1x1000mA or 2x500mA
RFID Frequency	: 13.56Mhz (NXP)
FCC ID	: 2ACYAV3LEGIC, IC: 25896-V3LEGIC
USB Protection	: Max. limit and shortcut
Operating temp.	: -5 °C ... +45 °C
Storage temp.	: -30 °C ... +80 °C
Humidity	: 0% ... 85% non-condensing
Housing	: UL94-V0 Fire enclosure
Environment	: Indoor, Clean and dry
Max. Height	: 4000m [3280 ft]
Max. torque	: 2.0Nm (max screw force)
Dimensions	: 134 x 85 x 29mm (h x w x d)
Safety & EMC	: CE, cULus, FCC Part 15B Class B, : ICES-003 Class B, RoHS, REACH
Mounting Lock	: 4x DIN 965 M4 x 40 or : 4x DIN 7982 3.9 x 45
Mounting Slider	: 2x DIN 7985 M5 x 16 or : 2x DIN 7891 3.9 x 16
Supported cards	: ISO14443A+B, ISO15693 : Legic RF Standard, Inside Secure : Sony Felica, ST SR series

Included parts:

- VECOS V3 Door Slider

Optional parts:

- Design LED indicator 16mm [0.16 inch]
- Lock cable 0.50m [19.7 inch] Black
- Lock cable 0.60m [23.6 inch] Red
- Lock cable 1.00m [3.3 ft] Yellow
- Lock cable 1.30m [4.3 ft] Green
- Lock cable 1.80m [5.9 ft] Brown or Blue
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- Lock cable 3.00m [9.8 ft] Yellow
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- Lock cable 3.70m [12.1 ft] Brown
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For USA & Canada:

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External interconnecting cables and wiring longer than 3.05 m [10 ft] can be sourced locally and they need to be regulated by the Canadian Electrical Code, Part I, CSA C22.1, and the National Electrical Code, NFPA 70.

Warning:

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- The Lock may only be connected to the VECOS HUB V3-24 controller. The cable needs to be a cULus Recognised cable with a min. gauge of 26 AWG, a voltage rating of 30 V and a temperature rating of -20 °C ... +60 °C. The 6P6C RJ12 plugs on the cables needs to have gold flash on the contacts.
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Risk of electric shocks:

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- When the cable is damaged: Disconnect the Cable and Lock from the HUB V3-24 controller.
- Repairs on the Lock may exclusively be performed by the manufacturer or a trained and VECOS Europe B.V. qualified person.
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- A new cable may only be created and/or installed by a qualified technician.

Use cases:

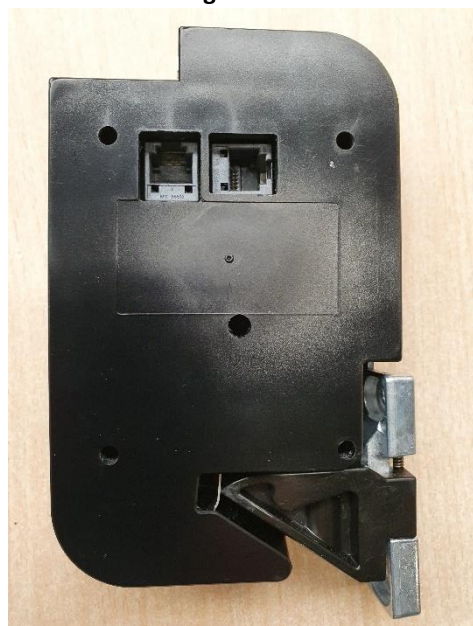
Warning: This equipment is not intended for domestic use. Operation of this equipment in a residential environment could cause radio interference!

VECOS V3+Legic Lock Datasheet Rev 1.8

Accessibility:

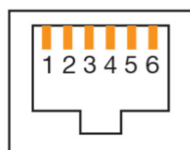
When the Lock is assembled in the cabinet, the cable must not be accessible without specific tools and/or keys.

Connect the wiring:



The lock has 2 RJ12 connectors, both are identical:

- 1 - GND
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RJ12 Socket as viewed

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ISED EMC Declaration:

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de Classe B est conforme à la norme Canadienne ICES-003.

FCC Information to the user:

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VECOS V3+Legic Lock Datasheet Rev 1.8

CE & UKCA:

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