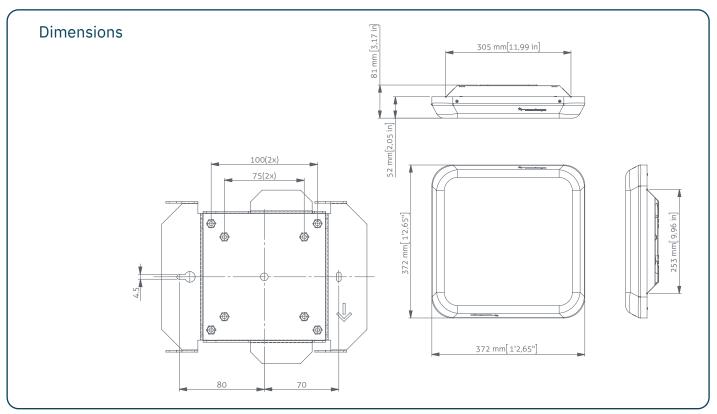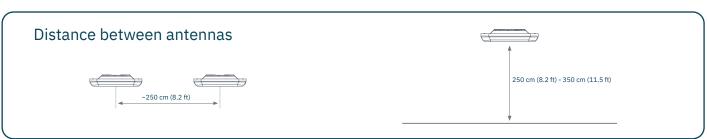| 1x | OV37R RFID	2x | RJ45 plug	3x | Tie-wrap

Intended use

This stationary UHF RFID reader model: ASSY OVR RFID is an UHF RFID tag reader intended to be used in stores at check-out and store exits for detecting and reading of UHF RFID tags.

⚠ Warning

This equipment should be installed, operated, serviced, and repaired by skilled personnel only. The installation and interconnection of this equipment to facility wiring and other equipment must be done by a competent, skilled craftsperson who is familiar with applicable standards and codes governing the installation. Installation methods, practices or procedures that are unauthorized or done improperly are dangerous and could result in serious personal injury or damage to property and equipment.

Dimensions

Distance between antennas

~250 cm (8.2 ft)

250 cm (8.2 ft) - 350 cm (11.5 ft)

Label free zone

> 150 cm (4.9 ft.)

> 150 cm (4.9 ft.)

Example of EAS role

Cabling

1. Network cable

Remove VESA plate 75 / 100

standard	pattern size	screw thread	screw length excl. bracket
MIS-D 75 mm	75 x 75 mm (2.95 x 2.95 in.)	M4	7.4 mm (291 mil)
MIS-D	100 x 100 mm (3.93 x 3.93 in.)	M4	7.4 mm (291 mil)

Connecting Power Inserter to Renos

Power Inserter - OUT

9983007 MOUNTING SET OV37R
STAINLESS STEEL (optional)

Renos - Network IN

Connecting a laptop to the Renos unit

Renos - Service port

Attach your laptop to one of the Renos units with a mini USB-USB cable.
Open the browser on your laptop and go to:

http://192.168.133.1

Configure the ASSY OVR RFID using the installation wizard.

Place VESA plate 75 / 100

Service connector

remove cover

mini USB connector

Renos
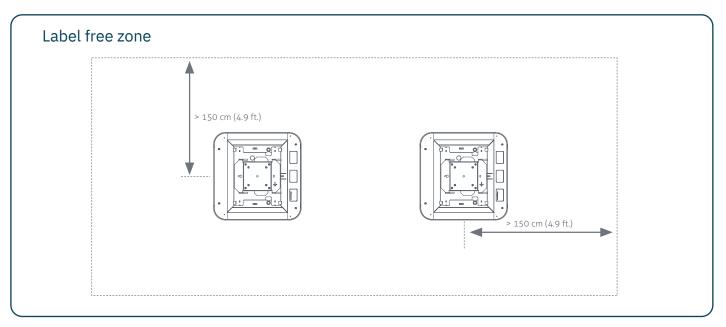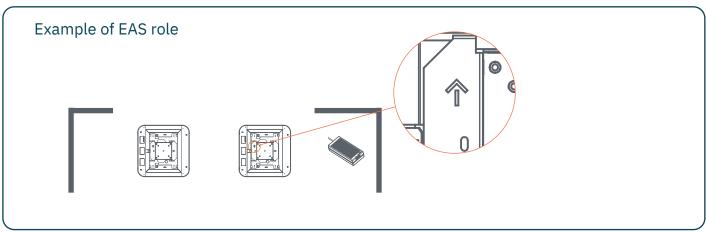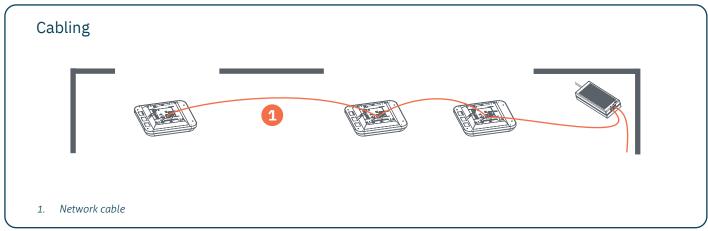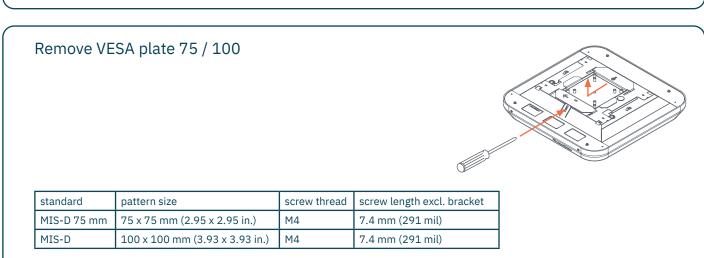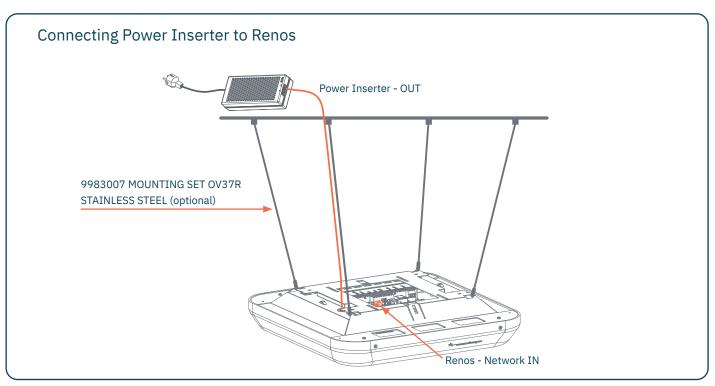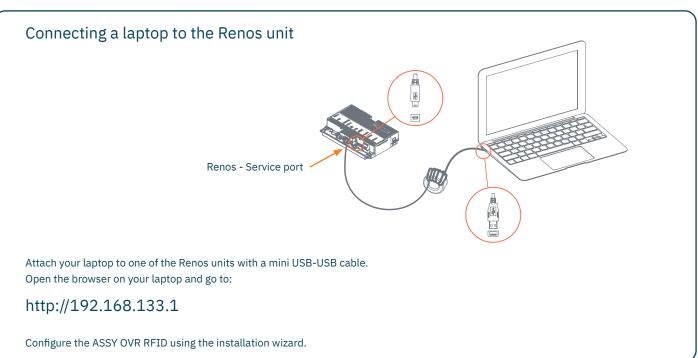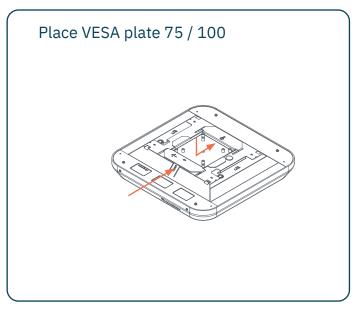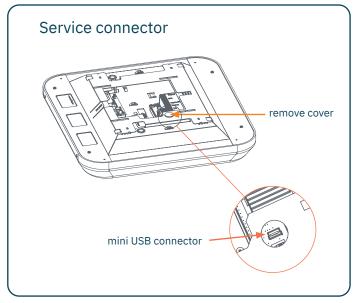
1.	50Ω	*Connect to the 50Ω PCB from the antenna.*
2.	Lights / IR	*Connect to the lights and customer counting.*
3.	Add-on	*Provide power and synchronisation to add-ons, like the RFID reader.*
4.	Network IN	*Connected to the Network OUT of a previous Renos unit or a Power Inserter.*
5.	USB	*Connect accessories to Renos, like the RFID reader or USB network adapter.*
6.	Network OUT	*Connected to the Network IN of a previous Renos unit or a Power Inserter.*
		Can also be left unconnected or connected to the customer network.
7.	Mini USB service port	*Connect your laptop to configure the Renos system.*
8.	RS485 connector	*Connect to the smart deactivator(s).*
9.	Buzzer connector	*Connect to the buzzer.*

Status LEDs Renos

1.	Green	On	*There is a Renos unit connected to the OUT port of this unit*
		Off	*There is **no** Renos unit connected to the OUT port of this unit*
2.	Blue	Blinking	*There is **no** device connected to the OUT port of this unit*
		On	*There is a Power Inserter connected to the OUT port of this unit*
3.	Red	On	*There is an issue with the power supply at the OUT port of this unit (too little current drawn)*
		Blinking	*There is an issue with the power supply at the OUT port of this unit (too much current drawn)*
		Off	*There is no issue with the power supply at the OUT port of this unit*
4.	Yellow	Blinking	*The operating system on the Renos unit is running*
		Off	*The operating system on the Renos unit is **not** running*
5.	Green	Blinking	*The storage flash on the Renos unit is accessed*
		Off	*The storage flash on the Renos unit is **not** accessed*
6.	Green	On	*The firmware on the Renos unit is running*
		Off	*The firmware on the Renos unit is **not** (yet) running*

Status LEDs RFID Reader

1.	Blue	On	*The RFID Reader is connected to the Renos firmware*
		Blinking	*The RFID Reader has received a command from the Renos firmware*
		Off	*The RFID reader is **not** connected to the Renos firmware*
2.	Orange	Blinking slow	*The firmware on the RFID Reader is running*
		Off	*The firmware on the RFID reader is **not** running*
3.	Red	On	*There is an error with the RFID output*
		Off	*There is no error with the RFID output*
4.	Green	On	*The RFID output is active*
		Blinking	*The reader is reading RFID labels*
		Off	*The RFID output is **not** active*
5.	Green	On	*The RFID reader is powered by the Renos unit*
6.		Off	*The RFID reader is **not** powered by the Renos unit*

Specifications

Brand	- Nedap	Operating temparature	- 0ºC - 45ºC
Model	- ASSY OVR RFID	Antennas	- Internal quad-patch antennas
Power Supply	- 56VDC Power-over-Ethernet (PoE)	Mounting	- Ceiling or wall mounting
Power consumption	- Max. 13W	Alarm signaling	- Audible and multi color light
Dimensions	- 372mm x 372mm x 81mm	Region 1 frequency band	- 865 - 867MHz
Weight	- 4.0kg	Channels, spacing, power	- 4, 750kHz, 2W ERP

Disposal of this product

The owner or last user of this product is responsible for proper disposal of (parts of) the product as required by local rules and regulations.

CE - UKCA declaration of Conformity

Hereby, Nedap N.V. declares that the equipment model ASSY CO252R RF is in compliance for CE with directives 2014/53/EU (Radio Equipment Directive)> and 2011/65/EU (RoHS). And for UKCA with SI 2017/1206 (radio Equipment Regulations 2017) and with SI 2012/3032 UK Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (RoHS). The full text of the declarations of conformity is available at following internet address: https://portal.nedapretail.com/, where, if applicable, also REACH information can be found

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Disclaimer

Nedap intends to make this manual accurate and complete. However, Nedap does not warrant that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. Nedap disclaims any liability for damage to property or personal injury resulting, in whole or in part, from improper installation, modification, use or misuse of its products. The information contained in this document is subject to change without notice.

User manual

The complete instruction manual can be found at https://portal.nedapretail.com/

FCC and IC Compliance statement

This device complies with part 15 of the FCC Rules and to RSS210 of Industry 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 CNR 210 exemptés de license du Industry 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.

FCC and IC Radiation Exposure Statement

This equipment complies with FCC and Canadian radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 5 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme a CNR-102 limites énoncées pour un environne- ment non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 5 cm entre le radiateur et votre corps. 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

Note: 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 into an outlet on a circuit different from that to which the receiver.

NOTE: 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 shielded interface cables provided with the product, or additional specified components or accessories that can be used with the installation of the product.

Warranty and spare parts

Please consult the Nedap products dealer from whom you purchased this product, in regards to the applicable warranty conditions. This product cannot be used for any other purpose as described in this document. If the product is not installed according to this document; the warranty provided is not applicable. At the sole discretion of Nedap N.V., Nedap N.V. may decide to change the conditions of the Page 7 of 19 Compliance information for technical manuals warranty policy. You agree that Nedap N.V. is able to compensate you the pro-rata value of the warranty involved rather than replacing or repairing the product depending on the technical or economical value of the product. Prior to applying the warranty, please verify if you comply with the warranty conditions of the warranty policy, whether you can successfully apply for the replacement or repair of a defective part. Parts can only be replaced with original Nedap parts, otherwise the warranty policy will not be applicable on the product. If the warranty is applicable, please contact the dealer or send the defective parts to the dealer.

EAC

Information for Taiwan

第十二條　　經型式認證合格之低功率射頻電機，非經許可，　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。
第十四條　低功率射頻電機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。，　前項合法通信，　指依電信法規定作業之無線電通信。
低功率射頻電機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。