

RRU - Remote Relay Unit

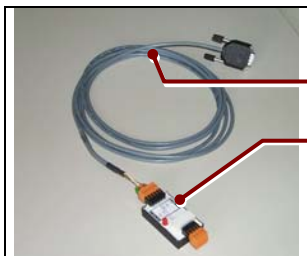
Module of alarm signalling for CEIA Metal Detectors

Application note



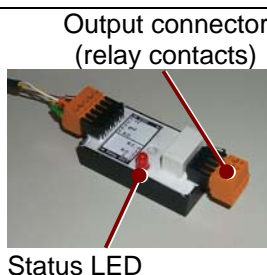
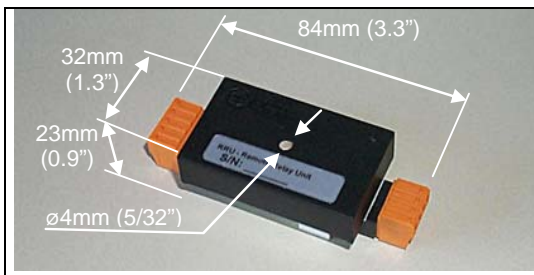
*Module **RRU** is a unit which can be connected to the **CEIA** Metal Detectors by means of the top or bottom communication port, used for repeating the detection alarms of the gate through a relay.*

Description



Kit composition

- Cable connecting the metal detector.
- RRU unit
- Application notes (this sheet)



Technical features

- Directly powered by the metal detector.
- Connection to the Walk-Through Metal Detector via serial interface
- Connecting cable length (towards Metal Detector): 3m / 10ft (code 32482) or 10m / 33ft (code 32483).
- Relay rating: 0.5A –30Vac/dc max.

Operation

WTMD status	Output relay status	LED status
Normal	Pin C connected to pin N.C.	OFF
Alarm	Pin C connected to pin N.O.	ON

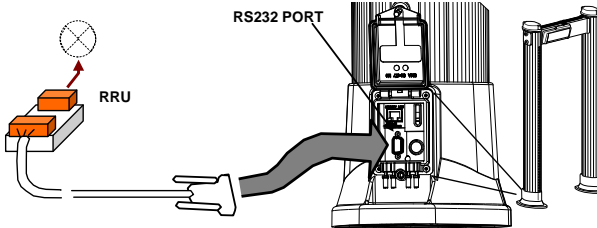
Field of application

The RRU unit can be connected to all CEIA stand alone Metal Detectors, with the exceptions of the models with built-in relay or without serial port:

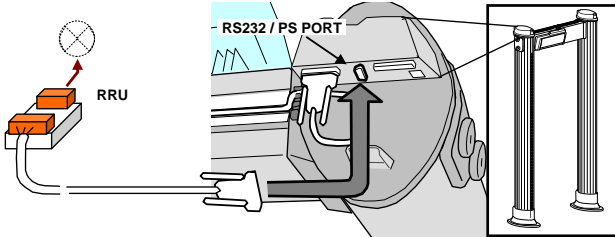
Models non compatible with the RRU unit	Hardware version	Software version
02PN20	All	< 0151
PMD2/EN column version	< 7.0	All
PMD2/EW column waterproof version	< 6.0	All
MetCard	All	All
Classic, SMD600/PTZ-xx, HI-PE/PTZ-xx, HI-PE/CN-xx, HI-PE/CF-xx, 02PN7.	All	All

Connections

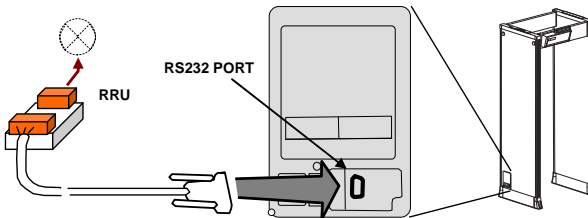
Column Model - Lower Connection



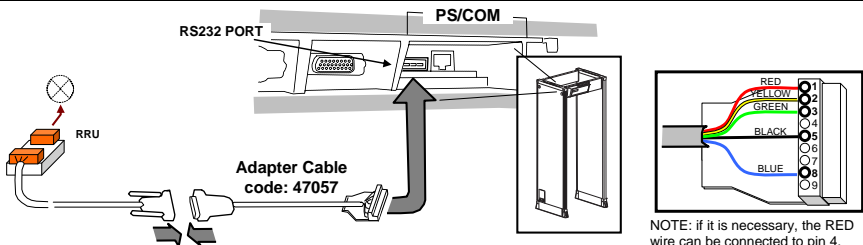
Column Model - Upper Connection



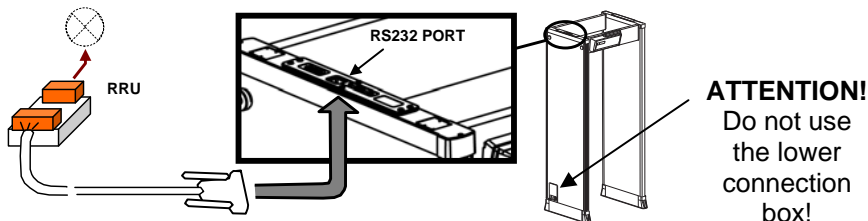
Panel Model - Lower Connection



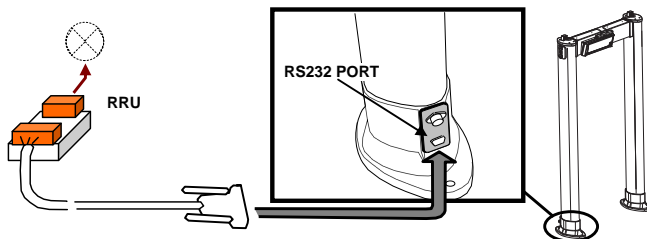
Panel Model - Upper Connection



Panel Model with D-sub connector on top of the panel



Column Model with D-sub connector in the lower connection box only.



ATTENTION! Connect the wire inside the connection box!

<p>STEP 1. Strip the end of the blue wire connected to the RS 232 socket.</p>	
<p>STEP 2. Insert the blue wire into the power supply connector (the terminal to which a blue wire from inside the antenna is already connected).</p>	

Cable Electric Diagram

