

DIGI PLEX EVO



4-Wire Indoor/Outdoor Proximity Reader

DGP-R910 V1.0

P R D O X
SECURITY SYSTEMS

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English

Technical Specifications

Power Input:	11Vdc to 14.5Vdc
Current Consumption	100mA, With Card 115 mA
Frequency:	Exciter field 125 KHz Pulse Modulated
Operating Temperature:	-35°C (-31°F) to +65°C (149°F)
Output Formats:	RS-485
Cable Distance:	300m (1000 ft.)
Cables:	4-wire Cables (Twisted Pair recommended)

All specifications are subject to change without notice.

Features

Tricolour LED Display

The DGP-R910 reader includes a tricolour LED display (red, green and amber) that is used to indicate the reader's status. The LED's intensity is adjusted through the DGP-ACM11.

Audible Tone

The DGP-R910 reader includes a built in beeper with a frequency that is adjusted through the DGP-ACM11.

Weather Resistant

Mount indoors or outdoors.

Error Display

All DGP-R910 readers display communication errors between the reader and the DGP-ACM11 by flashing the amber LED every second.

Firmware Upgrade

Connect the DNE-CONV2 as shown in Figure 2. Refer to the DNE-CONV2 installation manual for additional information.

Installation Notes

Mounting on Metal

Metal may decrease the read range. The DGP-R910 card reader can be mounted on metal but do not surround it by metal. If the reader must be installed in a metal enclosure, ensure that the face of the card reader is not covered and that there's at least 4cm (1.6") between the card reader and the metal on all sides.

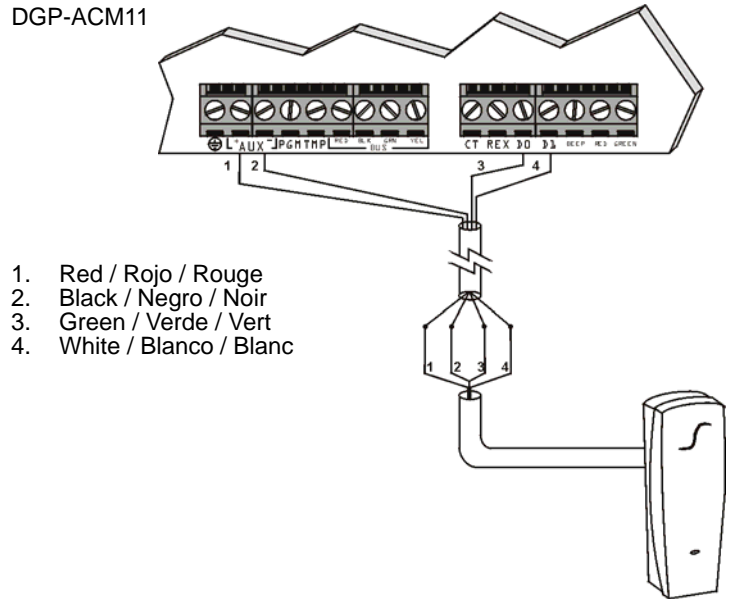
Wiring

See Figure 1 for wiring instructions.



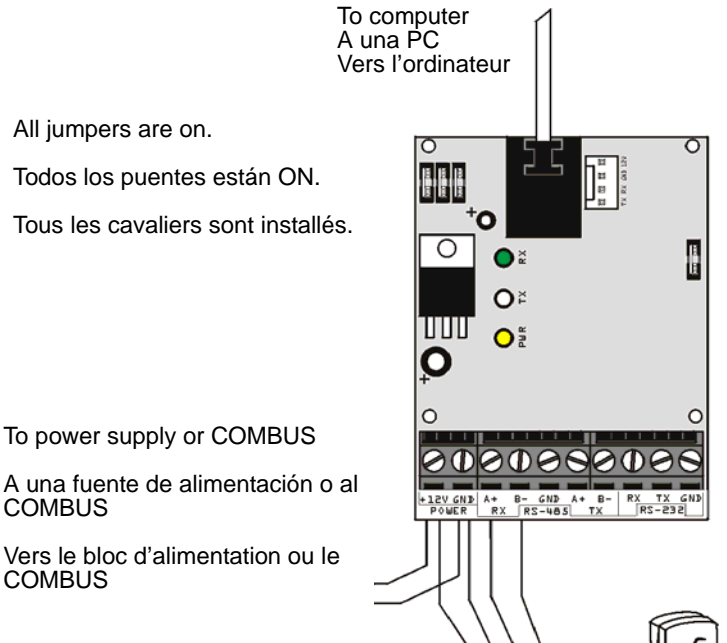
Do not connect more than one DGP-R910 on a single DGP-ACM11.

Figure 1: 4-wire Connection / Conexión de 4 Cables / Raccordement à 4 fils



1. Red / Rojo / Rouge
2. Black / Negro / Noir
3. Green / Verde / Vert
4. White / Blanco / Blanc

Figure 2: Firmware Upgrade / Actualización del Firmware / Mise à niveau du micrologiciel



All jumpers are on.

Todos los puentes están ON.

Tous les cavaliers sont installés.

To power supply or COMBUS

A una fuente de alimentación o al COMBUS

Vers le bloc d'alimentation ou le COMBUS

1. Red / Rojo / Rouge
2. Black / Negro / Noir
3. Green / Verde / Vert
4. White / Blanco / Blanc

RESIDENTIAL EQUIPMENT
CLASS B DIGITAL DEVICE
INFORMATION TO USER

This device complies with Part 15 of the FCC Rules. 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.

This equipment has been tested and found to comply with the limits for Class B Digital Device, 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 frequency 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 cause harmful interference to radio or television reception, which can be determined 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 is connected
- Consult the dealer or an experienced radio/TV technician for help

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