CDV.Group

Indoor/Outdoor
Wiegand Proximity Readers

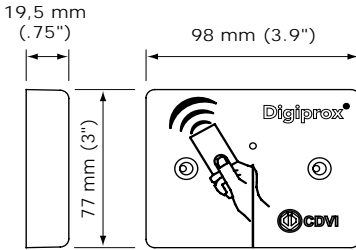| DGLP WLC | DGLP FN WLC | DGLI WLC | DGLI F WLC |

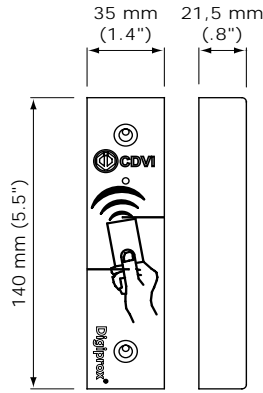# INSTALLATION MANUAL

PRODUCT OVERVIEW:

The DGLP WLC and DGLI WLC are two Wiegand Proximity readers, available as standard size and narrow style (DGLP FN WLC et DGLI F WLC). Both readers are sealed with epoxy, therefore they are suitable for external use and have high resistance to vandalism.
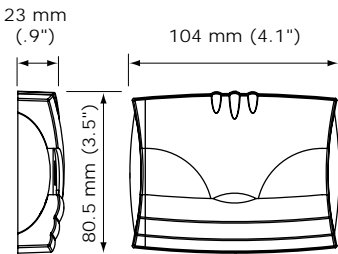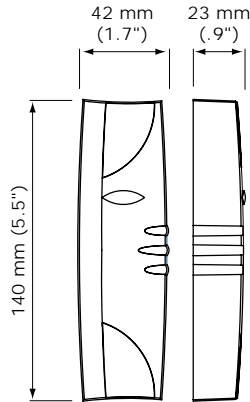
-25°C to +70°C

53

H.R.V.

DGLI WLC

DGLI F WLC

DGLP WLC

DGLP FN WLC

FEATURES:

- Indoor / outdoor application
- Selectable Wiegand output, 26, 30 or 44-bits
- LED and built-in buzzer (internal or external mode)
- Potted electronics
- Input voltage: 12V DC
- Consumption: 100mA

RECOMMENDATIONS:

Recommended cables
4 twisted pairs 0.6 MM.

Suggested power supplies
These power supplies are recommended with these Wiegand readers:
- ARD12
- BS60

Optional
Single gang box mounting plate for the DGLP FN WLC reader (Ref: MPLATE).

Important
To protect the device from back - emf do not forget to mount the varistor on the lock in parallel.

Environment
If the readers are mounted in a humid area or close to a sea shore, we recommend applying a varnish on the connections of the cable to avoid oxidation.

CONTENTS:

	Varistor	Diax® security tool	Diax® security screw	Brass anchor	Right cover	Left cover	Plastic anchor	Wood screw 3 x 40 mm
DGLI WLC & DGLI F WLC	1	1	2	2	-	-	-	-
DGLP WLC & DGLP F WLC	1	-	-	-	2	2	2	2

MOUNTING INSTRUCTIONS:

Ref : DGLP WLC and DGLI WLC

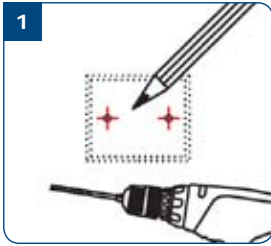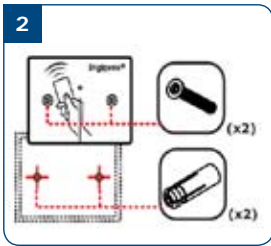Measure and mark the center lines to determine the reader position. Drill the fixing screw holes (Diametre: 4MM for the mounting plate and 6MM for the reader). Drill the wiring access area.

DGLI WLC
Insert the brass anchors in the mounting holes, connect the cable to the terminal block, then fasten the reader with the DIAX® screws using the DIAX® spanner. Make sure that the varistor is connected on the lock (refer to page 2 «Recommendations»).

DGLP WLC
Insert the plastic anchors in the mounting holes, connect the cable to the terminal block, Then fasten the reader with the wooden screws Leave an area to access the cable to make the wiring). Put the covers on top of the reader. Make sure that the varistor is connected on the lock (refer to page 2 «Recommendations»).

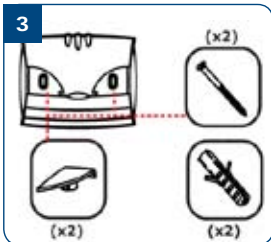## Ref : DGLP FN WLC and DGLI F WLC

1

Measure and mark the center lines to determine the reader position. Drill the fixing screw holes (Diametre: 4MM for the mounting plate and 6MM for the reader). Drill the wiring access area.
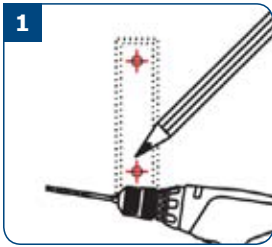
2

DGLI F WLC
Insert the brass anchors in the mounting holes, connect the cable to the connectors, then fasten the reader with the DIAX® screws using the DIAX® spanner. Make sure that the varistor is connected on the lock (refer to page 2 «Recommendations»).
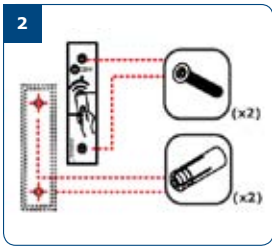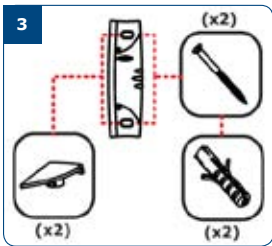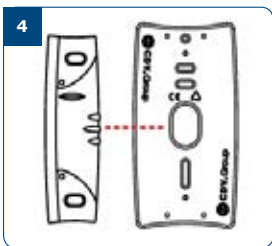
3

DGLP FN WLC
Insert the plastic anchors in the mounting holes, connect the cable to the terminal block, then fasten the reader with the wooden screws. Put the covers on top of the reader. Make sure that the varistor is connected on the lock (refer to page 2 «Recommendations»).
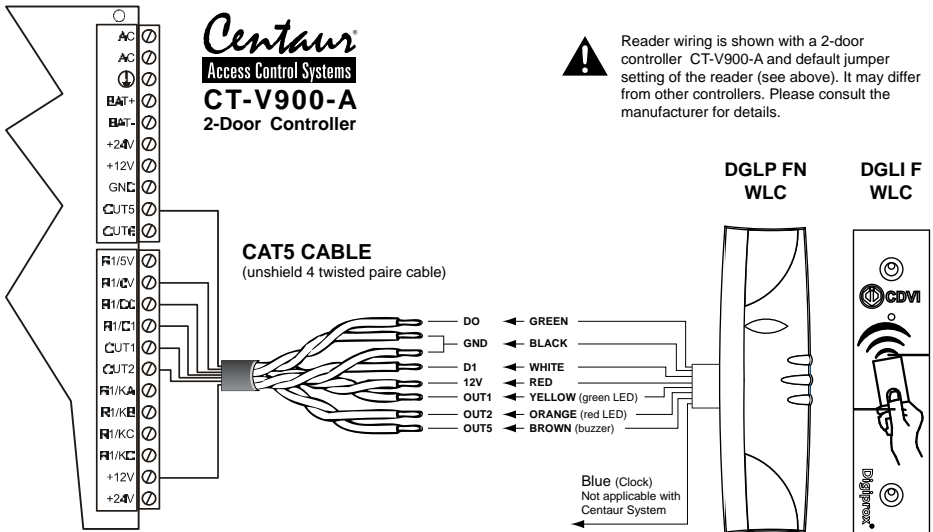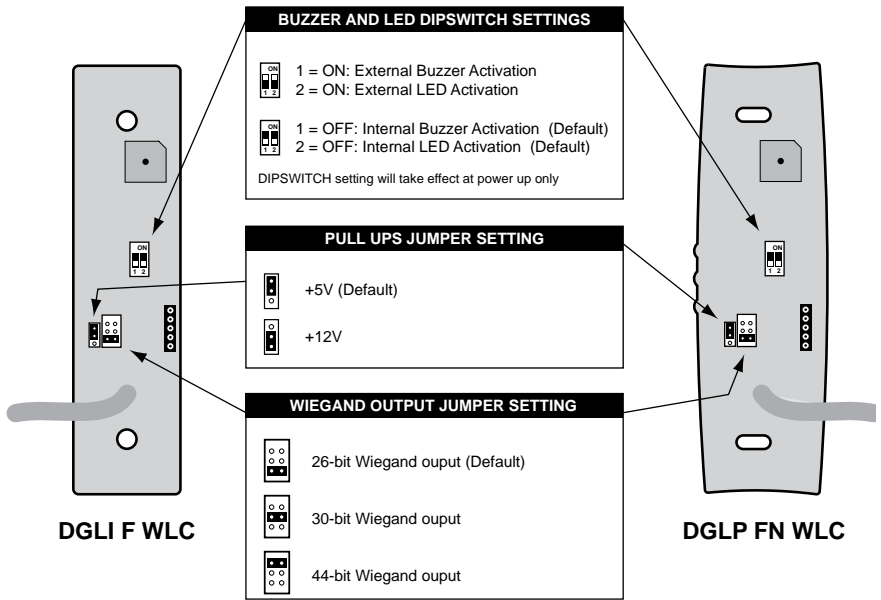
4

Optional (MPLATE)
Single gang box mounting plate for the DGLP FN WLC mullion polycarbonate proximity reader.

JUMPER SETTING AND WIRING DIAGRAM:

BUZZER AND LED DIPSWITCH SETTINGS

1 = ON: External Buzzer Activation
2 = ON: External LED Activation

1 = OFF: Internal Buzzer Activation (Default)
2 = OFF: Internal LED Activation (Default)

DIPSWITCH setting will take effect at power up only

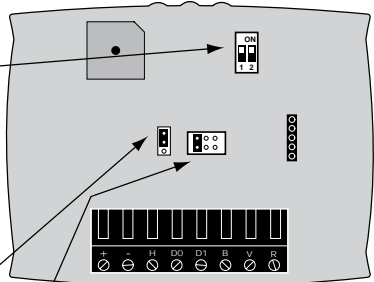**PULL UPS JUMPER SETTING**

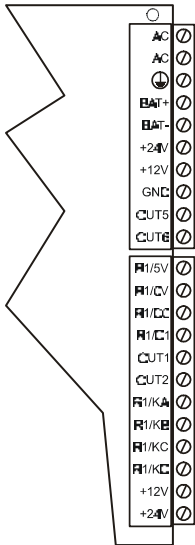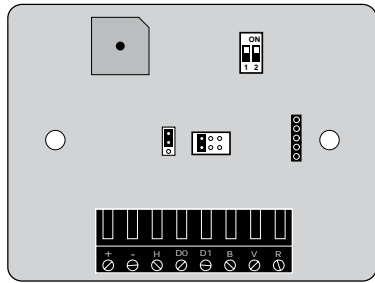+5V (Default)

+12V

WIEGAND OUTPUT JUMPER SETTING

26-bit Wiegand ouput (Default)

30-bit Wiegand ouput
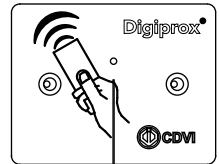
44-bit Wiegand ouput

DGLI F WLC

DGLP FN WLC

Centaur®
Access Control Systems
CT-V900-A
2-Door Controller

AC
AC
BAT+
BAT-
+24V
+12V
GND
OUT5
OUT6
R1/5V
R1/0V
R1/D0
R1/D1
OUT1
OUT2
R1/KA
R1/KB
R1/KC
R1/KD
+12V
+24V

⚠ Reader wiring is shown with a 2-door controller CT-V900-A and default jumper setting of the reader (see above). It may differ from other controllers. Please consult the manufacturer for details.

DGLP FN WLC

DGLI F WLC
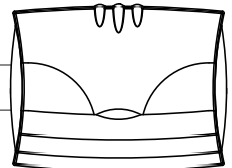
CAT5 CABLE
(unshield 4 twisted paire cable)

Pin	Color
DO	GREEN
GND	BLACK
D1	WHITE
12V	RED
OUT1	YELLOW (green LED)
OUT2	ORANGE (red LED)
OUT5	BROWN (buzzer)

Blue (Clock)
Not applicable with
Centaur System

CDV®Group
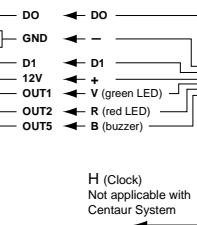
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