



Facila neXt D21S

Installation and user's manual

Index

| | |
|--|---|
| Precautions | 2 |
| Use as directed | 2 |
| Description | 3 |
| Features | 3 |
| Assembly | 4 |
| 2 Electrical connection | 5 |
| Outdoor unit settings | 5 |
| Electrical connection with 2 outdoor units | 6 |
| Electrical connection from 2 outdoor units | 6 |
| Electrical connection of an analog camera | 6 |
| Connecting an electric lock | 7 |
| Card reader | 8 |

Precautions

Read this manual carefully before installing or using the unit.

Entrya Technologies BVBA is not responsible for improper installation and failure to comply with local electrical and building codes.

Entrya Technologies BVBA cannot be held liable for damages and operational failures resulting from failure to observe the assembly and operating instructions.

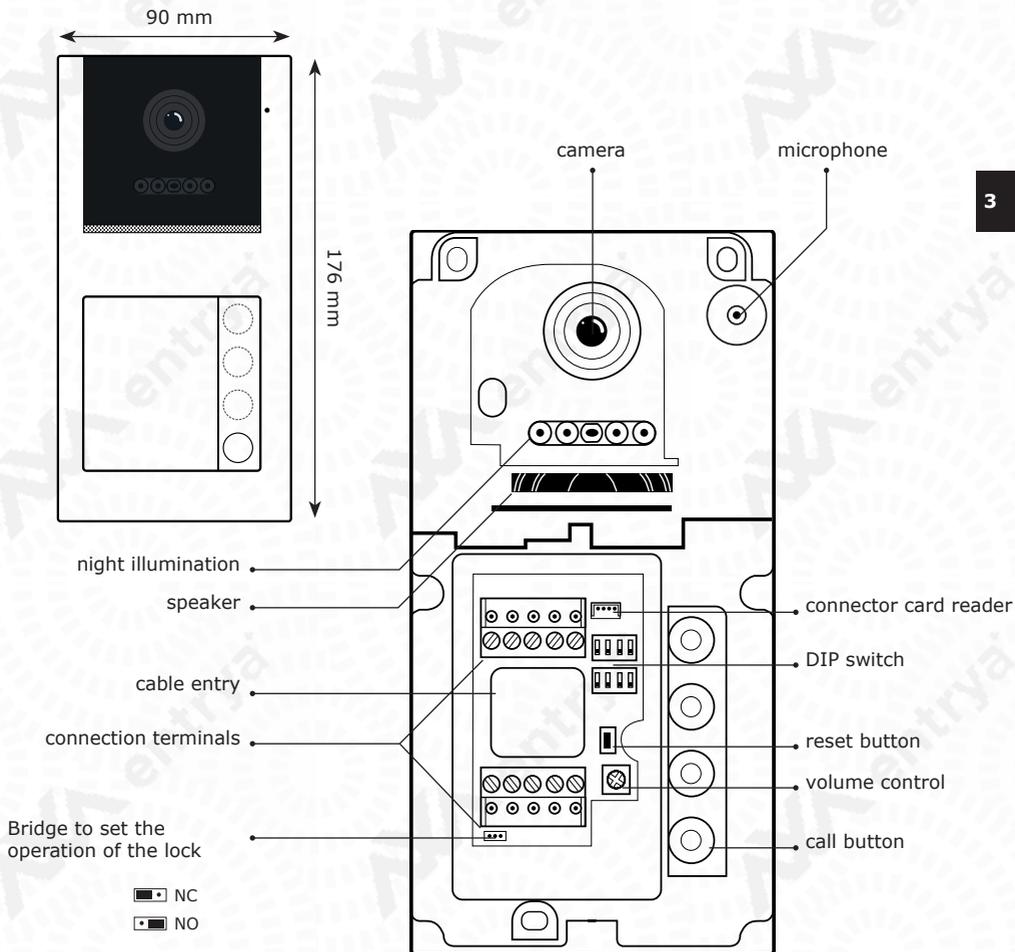
Save all parts and this manual for later use.

- Before any work, always de-energize the device and secure it against being switched on again.
- Never use a damaged device.
- It is not permitted to modify parts other than those described in this manual.
- Contact a qualified installer if a malfunction cannot be corrected. Do not open the device!

Use as directed

- For damages, which are caused by other use, the manufacturer does not assume liability. The risk is borne solely by operator.
- The device may only be operated in a technically perfect condition and in accordance with the instructions, in addition to complying with the safety and danger guidelines and the installation and operating instructions.
- Malfunctions that make safe operation impossible must be rectified immediately.

Description outdoor unit



3

Features

| | |
|-----------------------|-------------------------------|
| Power supply | 30V DC +/- 2V |
| Camera | 900 TVL, wide angle lens 120° |
| Degree of protection | IP54 |
| Operating temperature | -20°C - +55°C |
| Dimensions | 176 x 90 x 27 mm |

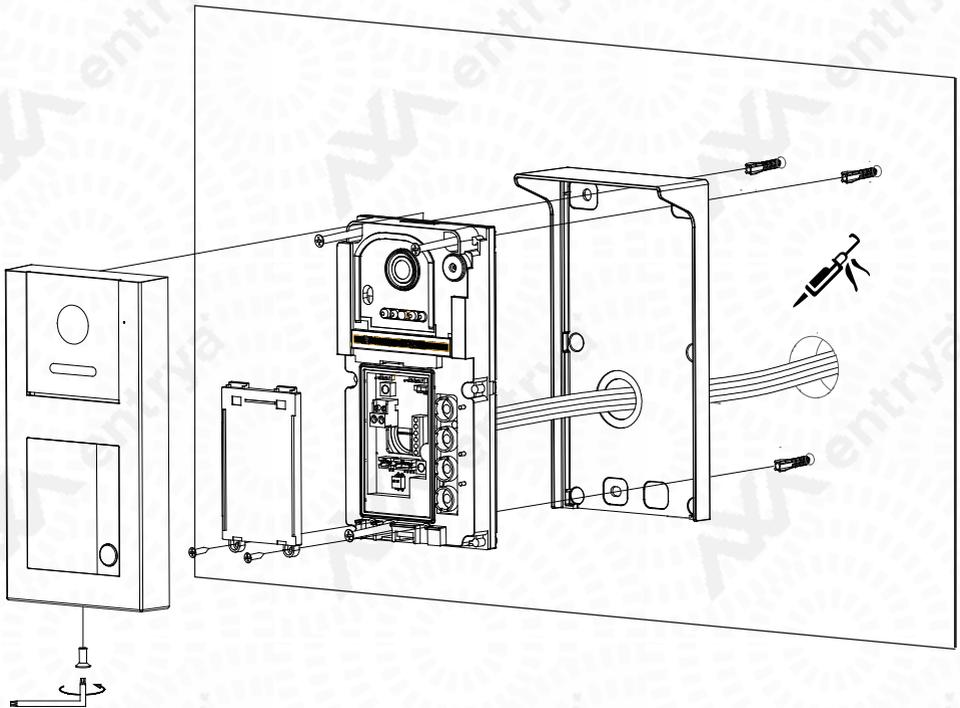
Assembly

Mount the unit on a flat surface and use the screws provided or use fasteners adapted to the surface. Connect the wiring and select the required settings. Determine the height of the installation according to the situation.

Important:

- **Mount the outdoor unit so that there is no bright light (e.g. street lights or sunlight) shines directly into the camera lens, if not, the contrast of the image will be adversely affected.**
- **Protect the device from vibrations and falls.**
- **There may be interference with picture or sound if the unit or wiring is mounted too close to an electromagnetic field. For example: microwave oven, TV, computer, power lines or cables from other electrical appliances...**

4



1. Drill holes in the wall and attach the outdoor unit **Install a rain cover (105034) in an exposed area.**
2. Connect the wiring and complete the settings.
3. Attach the card reader with two small screws.
4. Place the front plate
5. Secure the front plate with the screw at the bottom.

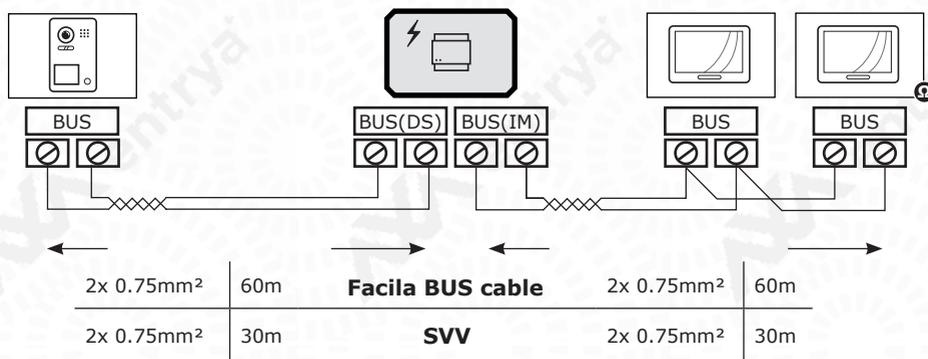
Electrical connection

Attention!

The maximum length of wiring is limited. Using cables other than those specified may affect the maximum length of the wiring or cause malfunctions. It is not permitted to place cable with parallel conductors (not twisted) over long distances next to other cabling. This can cause disturbances in the image and sound. Always use Facila BUS cable with twisted pairs without shielding.

Attention!

Turn on termination resistance / impedance switch on accessories or indoor units with symbol Ω .



Outdoor unit settings

Setting an outdoor unit address



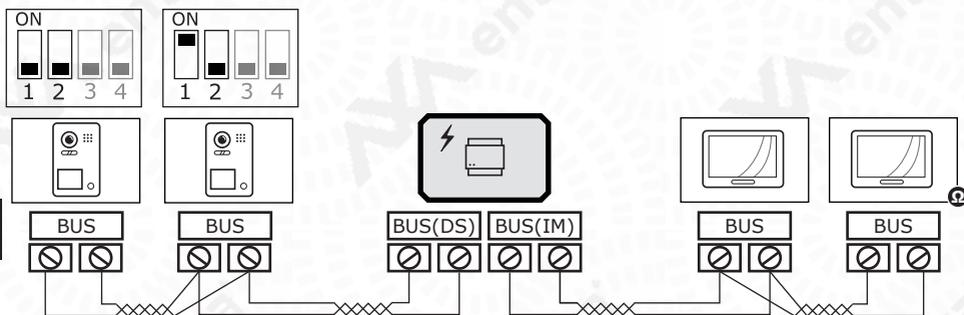
Turning ringtones on or off at the outdoor unit



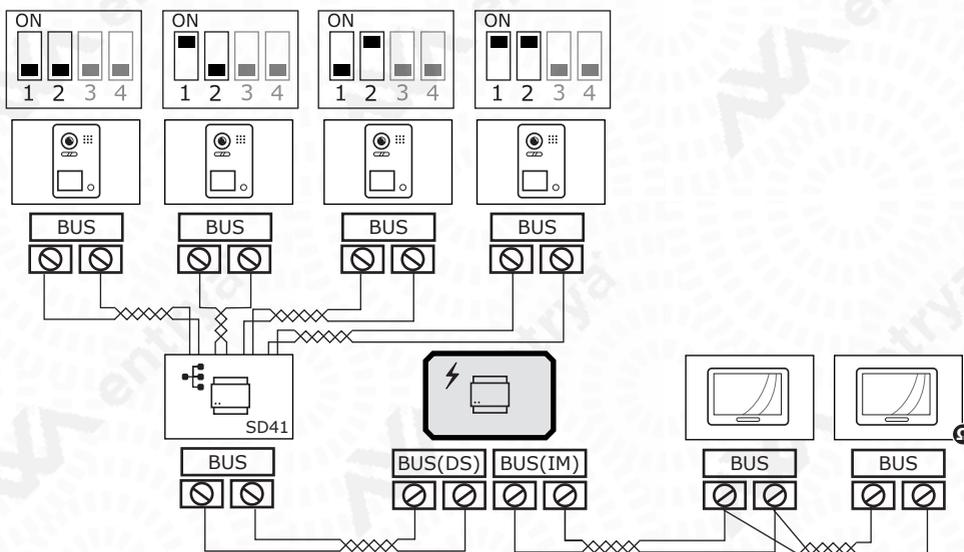
Set lock outputs operated by the manual release button



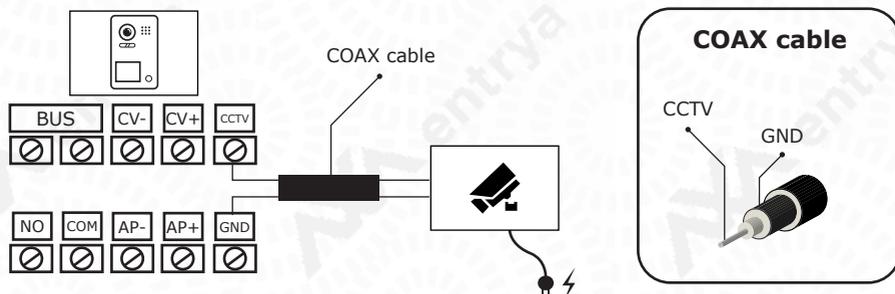
Electrical connection with 2 outdoor units



Electrical connection from 2 outdoor units



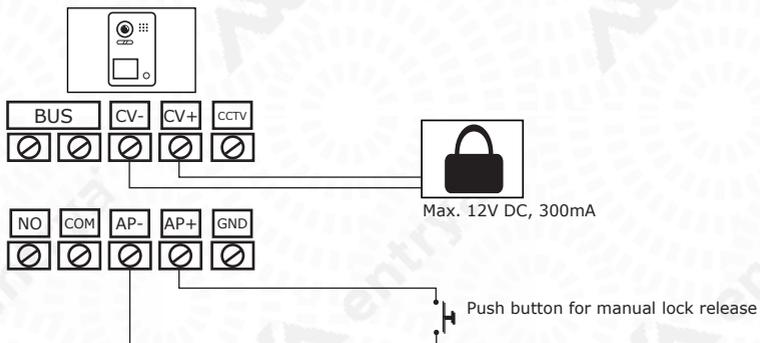
Connecting an analog camera



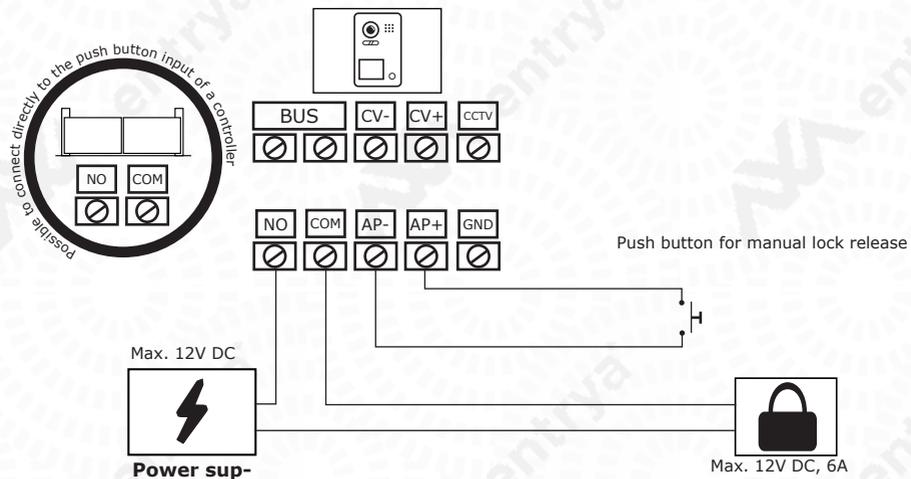
Connecting electric lock



Connection diagram for lock 1 via internal power supply



Connection diagram for lock 2 via external power supply



Set the jumper correctly to choose the lock operation. (See page 3)

- NC
- NO

Card reader

Initializing card reader

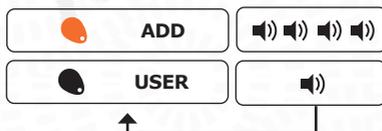
Press the reset button for 1 second. All tags will be erased. The first tag learned becomes the ADD card. Use the orange tag to distinguish easily. The menu closes automatically after 8 seconds.

8



Add user tags (max 60 tags)

Present the ADD card and then the user tags. The menu closes automatically after 10 seconds of inactivity.



Unlocking the first lock

Present the user tag for 2 seconds to unlock the first lock.



Unlocking the second lock

Present the user tag for 5 seconds to unlock the second lock.



* DIP4 must be ON for the audio signals to be obtained.