



## **N500, N501, N502 and N507 connections**

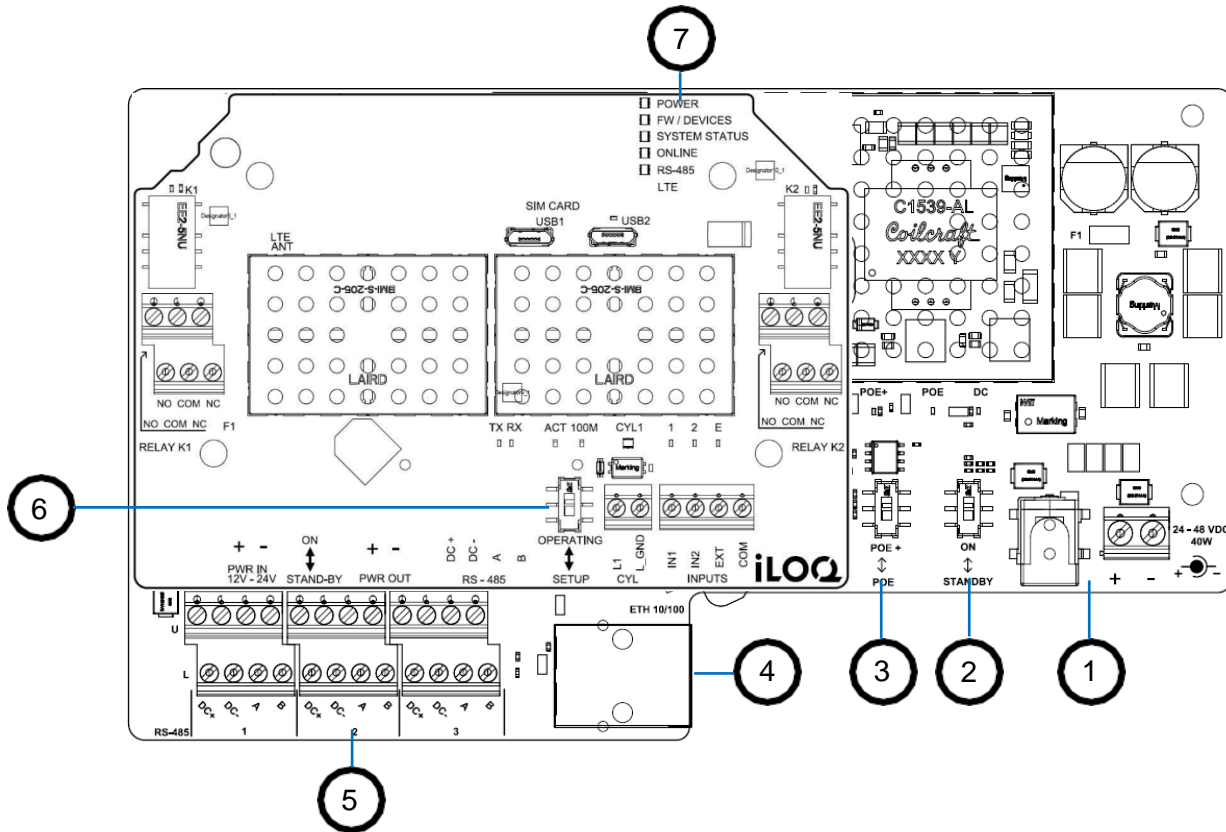
## Content

1.	BEFORE INSTALLATION .....	3
2.	iLOQ N500 NET BRIDGE CONNECTIONS .....	4
3.	iLOQ N501 4G DOOR MODULE CONNECTIONS.....	5
4.	iLOQ N502 DOOR MODULE CONNECTIONS .....	6
5.	iLOQ N507 RELAY CARD CONNECTIONS .....	7

## **1. BEFORE INSTALLATION**

- 1) These instructions should be carefully followed during installation.
- 2) These instructions should be passed on by the installer to the user.
- 3) iLOQ devices must be installed and used effortlessly without the use of excessive force.
- 4) Products should not be modified in any way except in accordance with the modifications described in these instructions.

## 2. iLOQ N500 NET BRIDGE CONNECTIONS

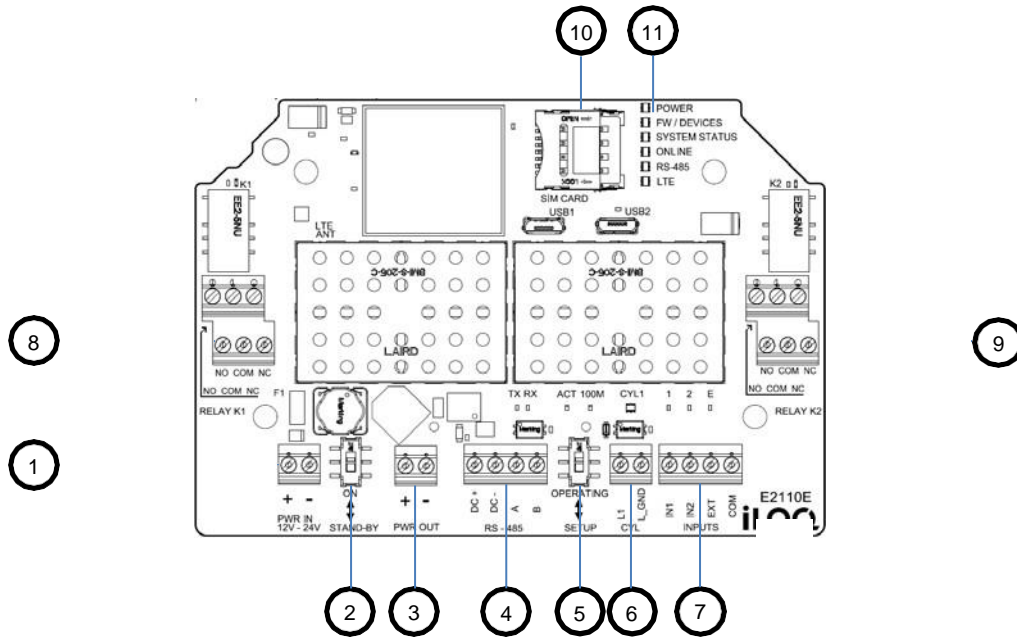


1. Power input 24V–48V DC 40W
2. On/Off switch
3. PoE/PoE+ -switch
4. Ethernet connector
5. Main bus connector, 1-6
6. OPERATING/SETUP switch
7. LED indicators

Note:

Cylinder connections, relay outputs, inputs and USB port are reserved for future plans.

### 3. iLOQ N501 4G DOOR MODULE CONNECTIONS



- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1. Power input 12V–24V DC</li> <li>2. ON/OFF switch</li> <li>3. Power output, value follows input power</li> <li>4. Reader bus, Data A/B, +/-</li> <li>5. OPERATING/SETUP switch</li> <li>6. C5S cylinder connector</li> </ul> | <ul style="list-style-type: none"> <li>7. Inputs, IN1, IN2, EXT ja COM*</li> <li>8. K1-relay, lock device control*</li> <li>9. K2-relay, lock device control *</li> <li>10. SIM card holder</li> <li>11. LED indicators</li> </ul> |
|---|--|

\*Note: Inputs

IN1 + COM ..... Opening button

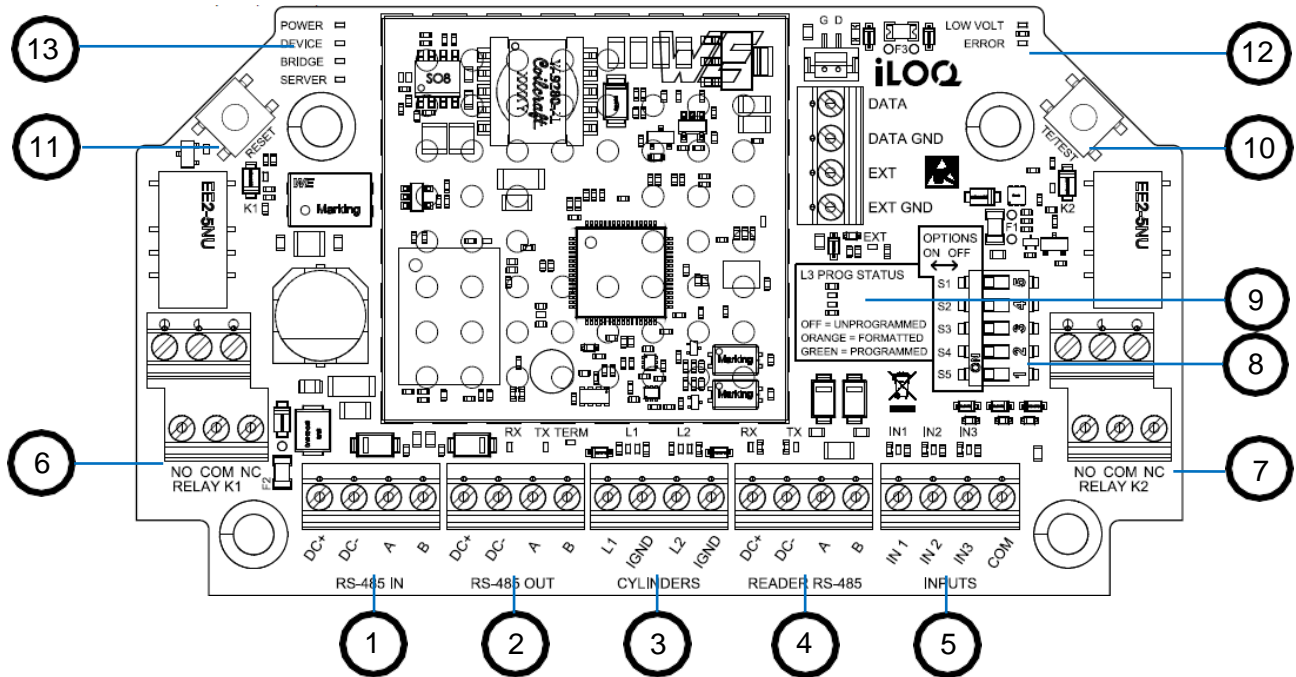
IN2 + COM ..... Door status information

EXT + COM ..... Input for conditional access right

K1-relay ..... Reader, calendar and code access group opening

K2-relay ..... Calendar and code access group opening

## 4. iLOQ N502 DOOR MODULE CONNECTIONS



- |                                       |                                 |
|---------------------------------------|---------------------------------|
| 1. Main bus IN                        | 8. DIP switches                 |
| 2. Main bus OUT                       | 9. Programming status indicator |
| 3. Cylinder connections L1 and L2     | 10. TE/TEST button, termination |
| 4. Reader bus, Data A/B, +/-          | 11. Reset button                |
| 5. Inputs, IN1, IN2, IN3, EXT ja COM* | 12. Error indicators            |
| 6. K1-relay, lock device control*     | 13. LED indicators              |
| 7. K2-relay, lock device control*     |                                 |

\*Notes: Inputs

IN1 + COM ..... Opening button

IN2 + COM ..... Door status information 1

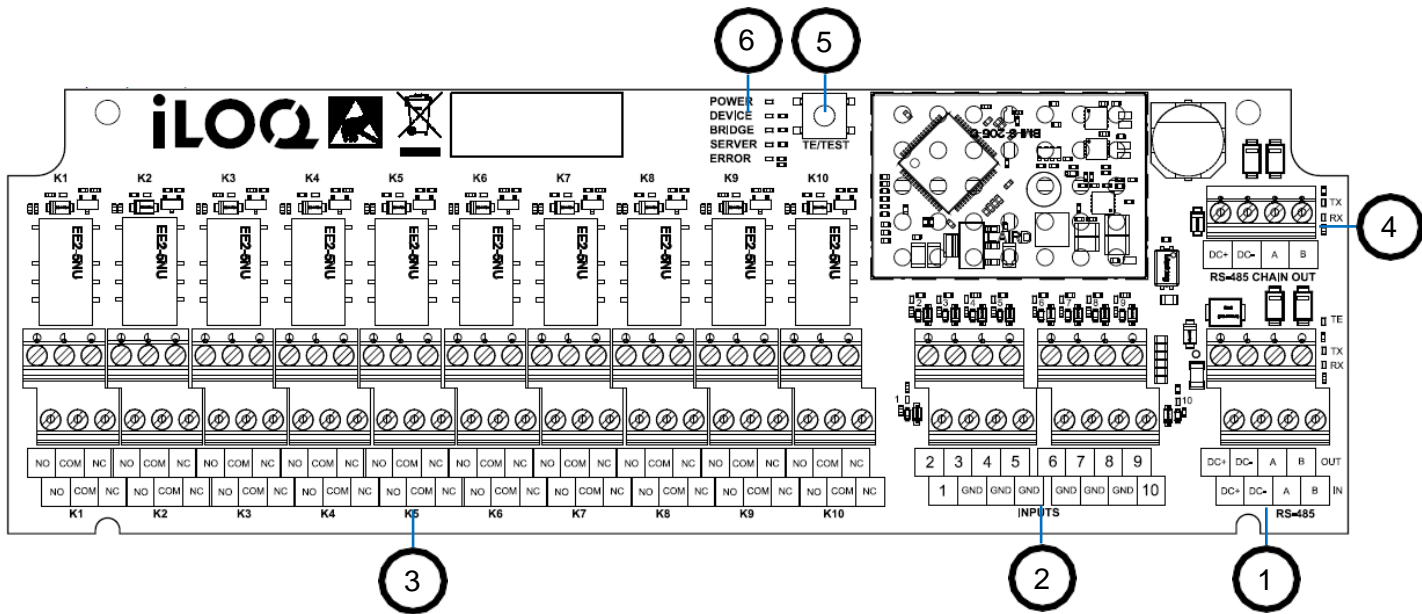
IN3 + COM ..... Door status information 2

EXT + COM ..... Input for conditional access right

K1-relay ..... Reader, calendar and code access group opening

K2-relay ..... Calendar and code access group opening

## 5. iLOQ N507 RELAY CARD CONNECTIONS



1. Main bus IN / OUT
2. Inputs 1-10
3. Relay outputs 1-10
4. Internal chain bus
5. TE/TEST button, termination
6. LED indicators