N501 4G Door Module + A00.22 External Panel Antenna installation
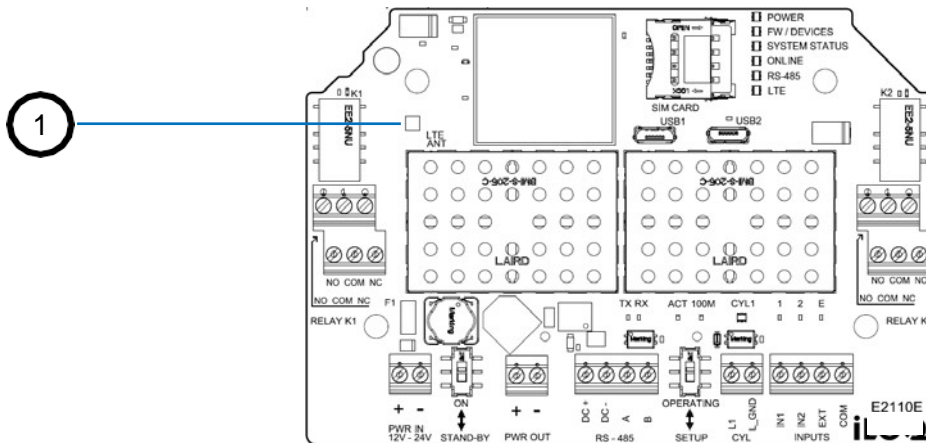
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1. BEFORE INSTALLATION

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 N501 4G DOOR MODULE ANTENNA CONNECTION

2.1 Use of A00.22 External Panel Antenna

iLOQ N501 4G Door Module uses 4G connection to communicate with the iLOQ Server. Some installation locations or sites may suffer from poor 4G signal strength and to overcome this type of challenge external panel antenna A00.22 is recommended.
With external panel antenna there is more flexibility to place antenna in distant location to door module to have better 4G signal strength.

Signal strength level could be viewed from Network module properties in iLOQ Manager.
If the signal strength value is less than 7 the external antenna is recommended.

2.2 Connecting the external antenna to N501

Option 1.
When internal antenna is connected to visible antenna connector (1) replace the internal antenna by disconnecting the internal antenna cable from the connector (1) without excessive force. Once the internal antenna is disconnected, connect the external antenna cable to the connector (1) without excessive force.
Now internal antenna is replaced with external antenna. Select location for the external antenna and use wall mount accessories to install the external antenna to its location.

Option 2.
When visible antenna connector (1) is free connect the external antenna cable to the antenna connector (1) without excessive force. Now the external antenna is connected to the N501 and it works simultaneously with internal antenna to enhance the 4G connection. Select location for the external antenna and use wall mount accessories to install the external antenna to its location.