

iGuard[®] Connection Diagrams

AN04-0028-001 REV1.1

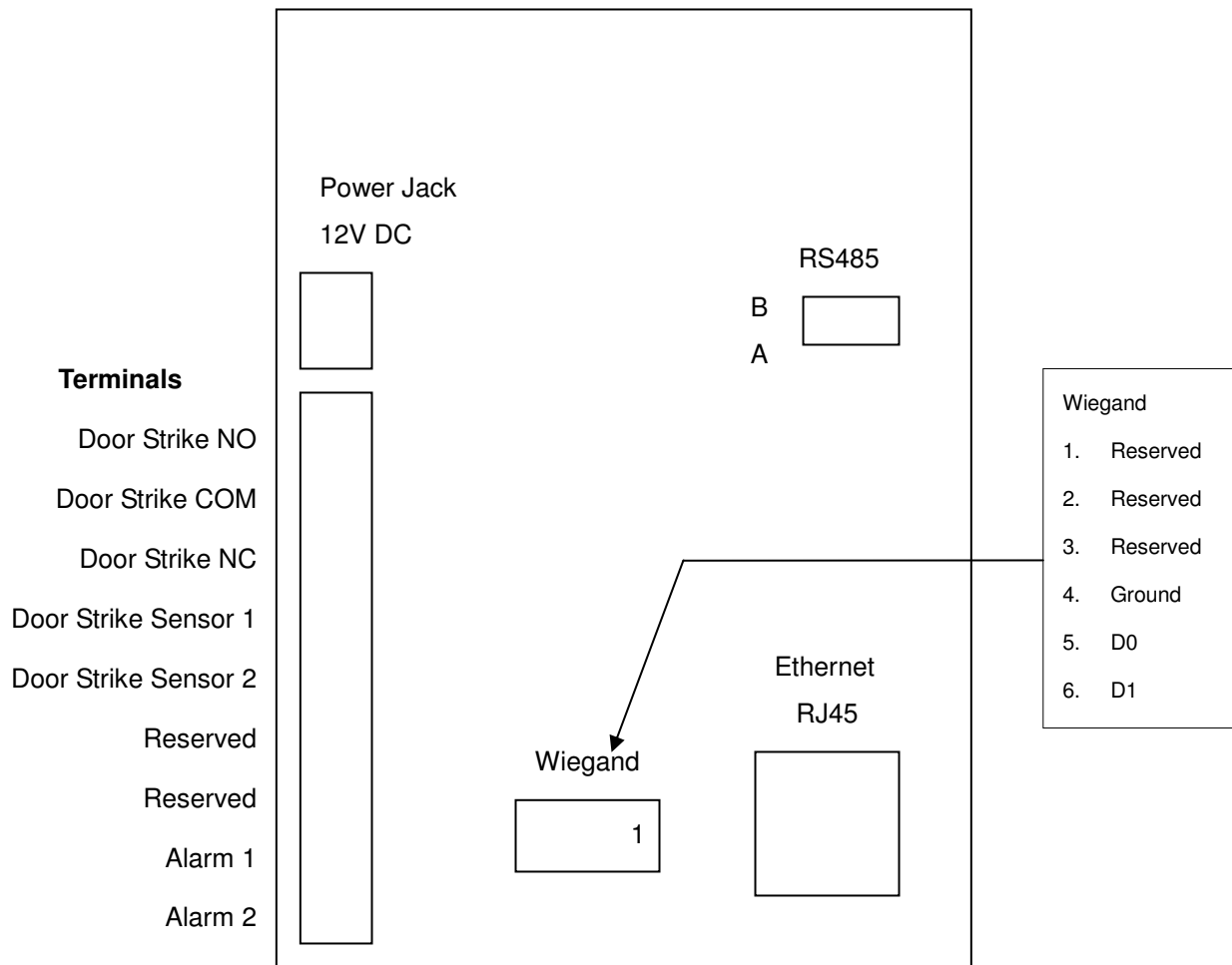
Lucky Technology Ltd.

11th June 2004

Requirement:

In order to use all the functions list below, it require iGuard with Firmware Version : 3.4.0001A or up installed (can be updated by firmware update patch). For info, please visit our home page : <http://www.lucky-tech.com>

iGuard Connectors (Rear View)



iGuard Connectors

Power Jack - Connect to the Power Adaptor (12VDC)

Wiegand Output - Wiegand output (26bits)

Remote Relay - Connect to iGuard Remote Relay Module (see Remote Door Relay session below)

RJ45 Ethernet - Connect to your Ethernet Network (CAT5 Cable is required)

Terminals

DoorStrike NO - "Normal Open" of Built-In Door Strike Relay

DoorStrike COM - "Common" of Built-In Door Strike Relay

DoorStrike NC - "Normal Close" of Built-In Door Strike Relay

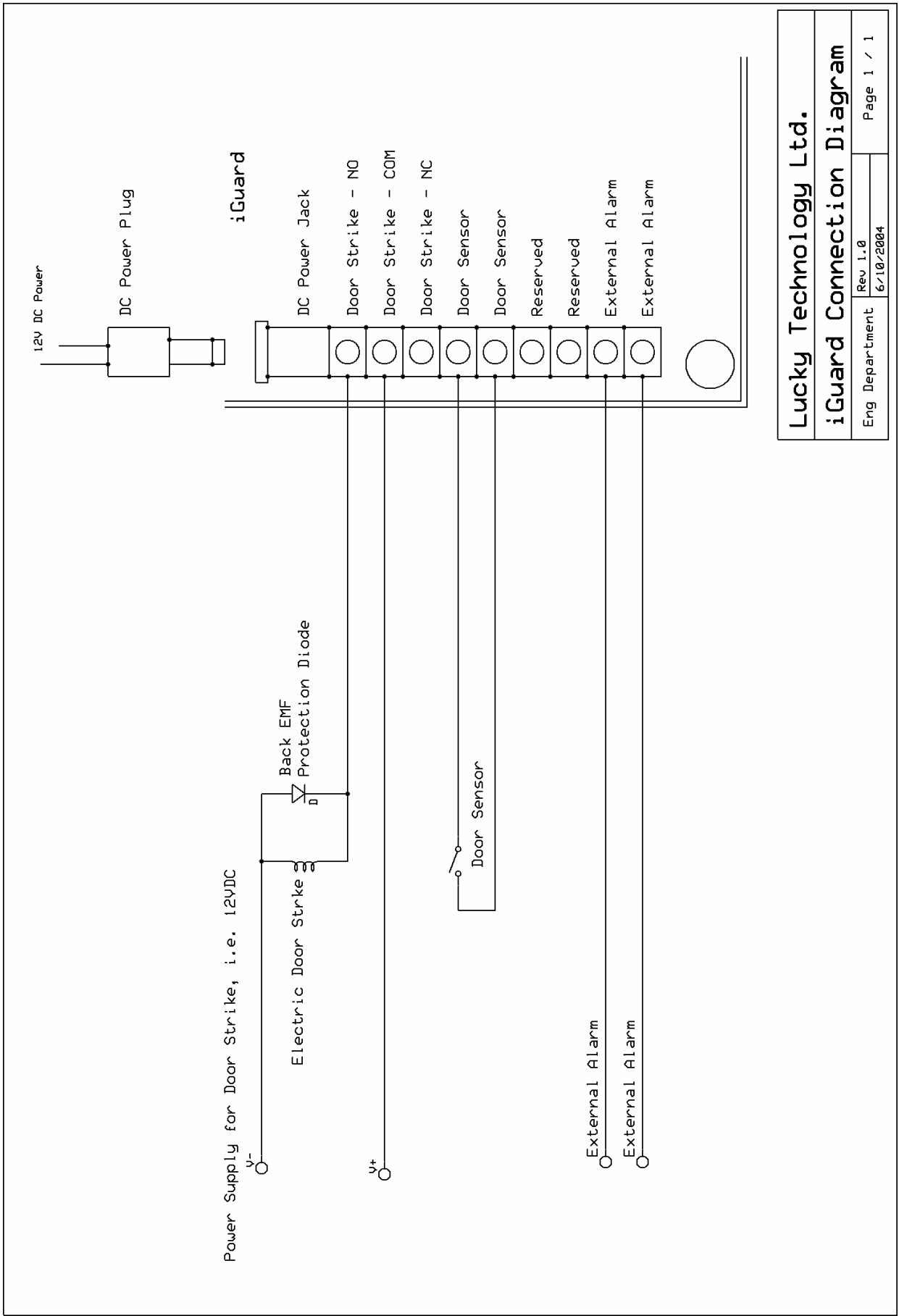
DoorStrike Sensor 1 - Connect to DoorStrike's door open sensor (optional)

DoorStrike Sensor 2 - Connect to DoorStrike's door open sensor (optional)

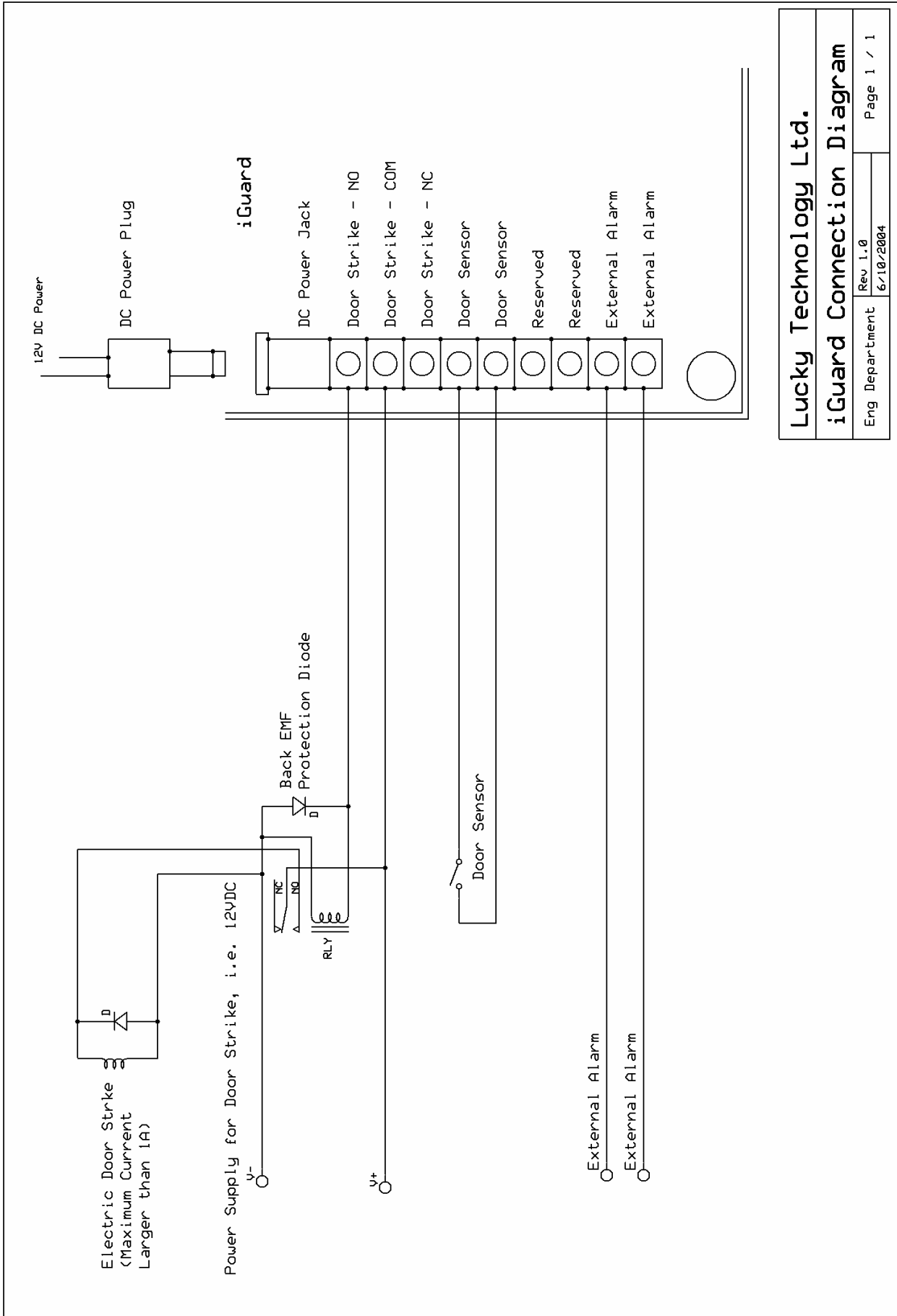
Reserved – Reserved Terminals

Alarm 1 - iGuard Case Open Alarm output

Alarm 2 - iGuard Case Open Alarm output



Lucky Technology Ltd.	
iGuard Connection Diagram	
Rev 1.0	Page 1 / 1
Eng Department	6/10/2004



Lucky Technology Ltd.	
iGuard Connection Diagram	
Eng Department	Rev 1.0 6/10/2004
Page 1 / 1	

Remote Door Relay

Remote Door Relay Connection Terminals Description:

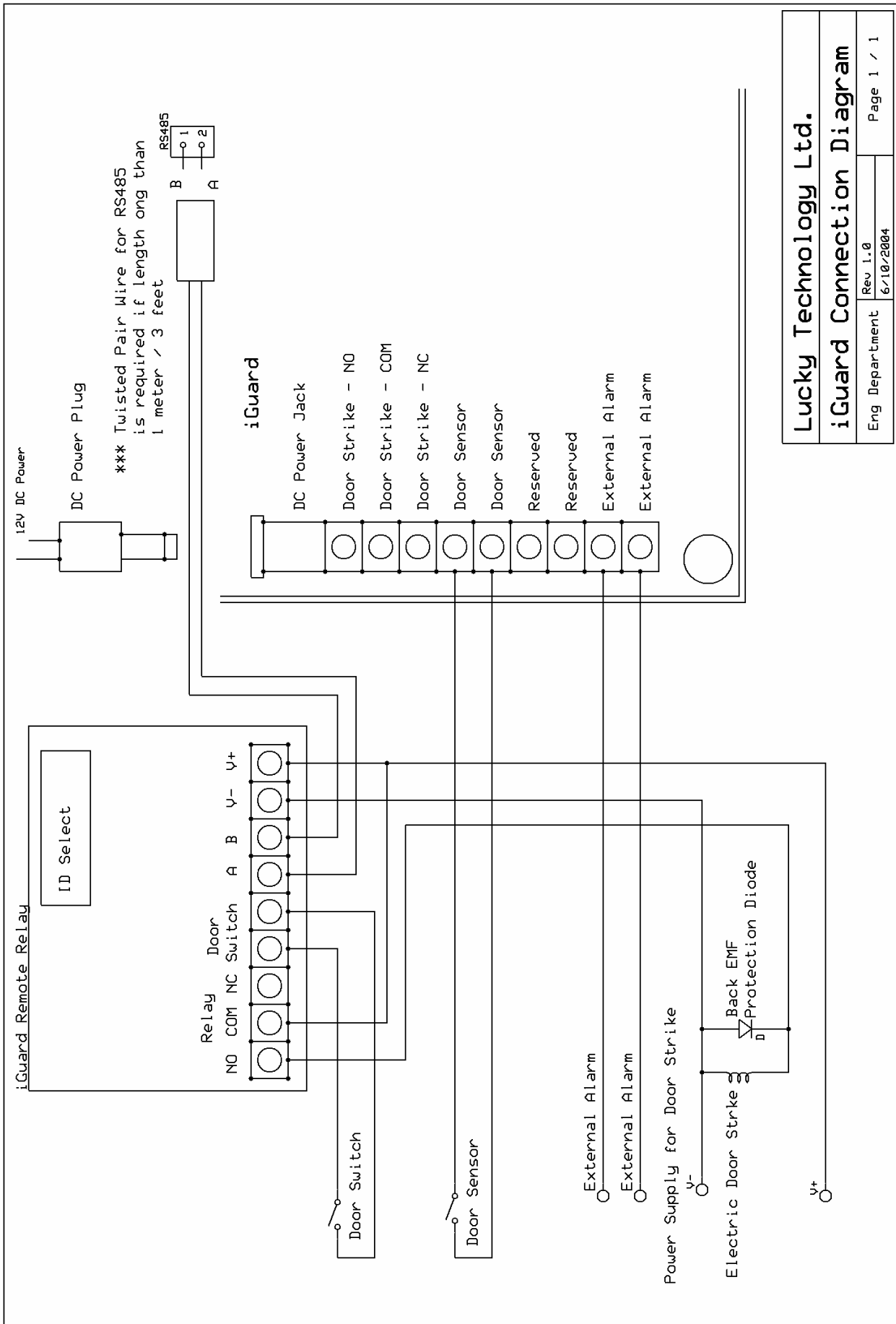
1. NO - Door Relay's Normal Open
2. COM - Door Relay's Common
3. NC - Door Relay's Normal Close
4. DOOR SW - Door Switch
5. DOOR SW - Door Switch
6. A - RS485 Connection, connect to iGuard
7. B - RS485 Connection, connect to iGuard
8. +12VDC
9. GND

ID Selection Switches:

Turn 8 ID selection switches on or off to select the ID No. for the Remote Relay. Each Switch represent a number and the selected ID is the sum of that number . For example, to set the ID of the relay box to 12, turn on switches No. 3 & 4. The following table shows the number of each switch:

Switch Number

1	1
2	2
5	4
8	8
16	16
32	32
64	64
128	128



Lucky Technology Ltd.	
iGuard Connection Diagram	
Eng Department	Rev 1.0
	6/10/2004
Page 1 / 1	