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# DATALOGIC - QUICK LINK 100

QL100
QL100 ID-NET T-CONNECTION

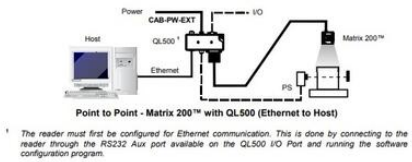
- Fast, easy connection for ID-NET™ networks
- Compact dimensions
- Time-saving solution


### PRODUCT DESCRIPTION

Quick Link is a complete series for fast, easy cabling of an ID-NET™ network by means of standard cables. QL100/150/200 are slave modules designed for use with the master modules QL300/500 or CBX100/500. Quick Link 100 is a T-connector used in ID-NET™ networks for distributing signals and supply voltage to the reader.

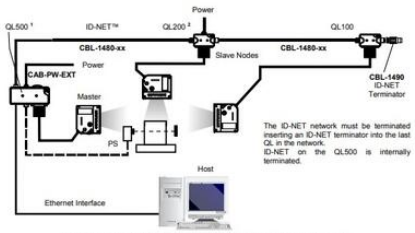
## TECHNICAL DATA

| | |
|---|---|
| **IP class** | IP65 |
| **Power consumption max** | 4 A |
| **Storage temperature max** | 70 °C |
| **Storage temperature min** | -20 °C |
| **Supply voltage dc max** | 30 V DC |
| **Supply voltage dc min** | 10 V DC |
| **Temperature operational max** | 50 °C |
| **Temperature operational min** | 0 °C |
| **Weight** | 115 g |




Point to Point - Matrix 200™ with QL500 (Ethernet to Host)

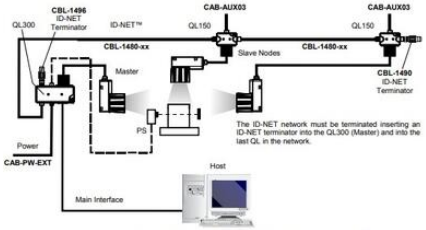
1 The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL500 I/O Port and running the software configuration program.



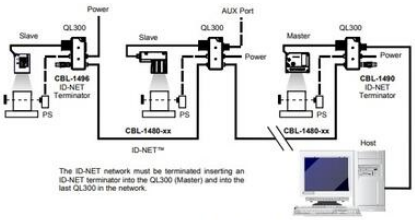

**ID-NET™ Synchronized Network - DS4800 Master with QL500 + DS4800 Slaves with QL200 and QL100**

[1] *The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL500 I/O Port and running the software configuration program.*

[2] *The above diagram is an example showing layout connections and is not intended to represent power limits, which instead, depend on each specific application. See "Voltage Drop and Max Distributed Current Calculations".*

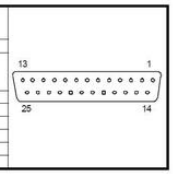



**ID-NET™ Synchronized Network - Matrix 400™ Master with QL300 + Matrix 400™ Slaves with QL150**

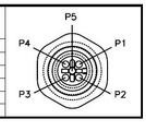



**ID-NET™ Multidata Network - DS4800 Master with QL300 + Mixed Reader Slaves with QL300s**

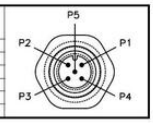
| Reader<br>25P D-Sub Female | |
|---|---|
| **Pin** | **Function** |
| 1, shell, both bushings | Reader Chassis |
| 13 | Vdc |
| 25 | GND |
| 23 | ID+ |
| 24 | ID- |
| 20 | RXA |
| 21 | TXA |

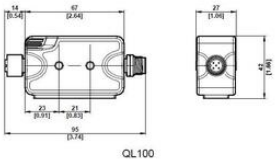



| ID-NET Out<br>M12 5P Female (A-coded) | |
|---|---|
| **Pin** | **Function** |
| 1 | Shield |
| 2 | Vdc |
| 3 | GND |
| 4 | ID+ |
| 5 | ID- |

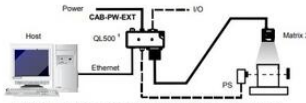



| ID-NET In<br>M12 5P Male (A-coded) | |
|---|---|
| **Pin** | **Function** |
| 1 | Shield |
| 2 | Vdc * |
| 3 | GND |
| 4 | ID+ |
| 5 | ID- |



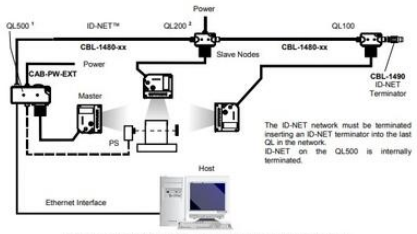




QL100




**Point to Point - Matrix 200™ with QL500 (Ethernet to Host)**

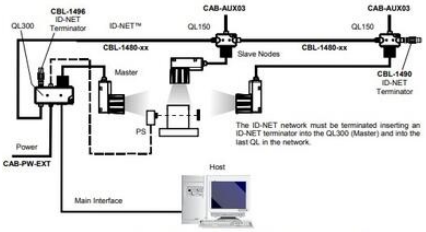
[1] *The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL500 I/O Port and running the software configuration program.*



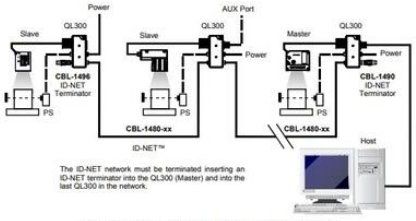

**ID-NET™ Synchronized Network - DS4800 Master with QL500 + DS4800 Slaves with QL200 and QL100**

[1] *The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL500 I/O Port and running the software configuration program.*

[2] *The above diagram is an example showing layout connections and is not intended to represent power limits, which instead, depend on each specific application. See "Voltage Drop and Max Distributed Current Calculations".*

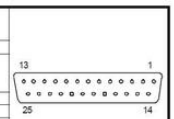



**ID-NET™ Synchronized Network - Matrix 400™ Master with QL300 + Matrix 400™ Slaves with QL150**

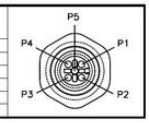



**ID-NET™ Multidata Network - DS4800 Master with QL300 + Mixed Reader Slaves with QL300s**

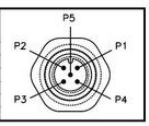
| Reader<br>25P D-Sub Female | |
|---|---|
| **Pin** | **Function** |
| 1, shell, both bushings | Reader Chassis |
| 13 | Vdc |
| 25 | GND |
| 23 | ID+ |
| 24 | ID- |
| 20 | RXA |
| 21 | TXA |

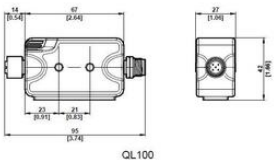



| ID-NET Out<br>M12 5P Female (A-coded) | |
|---|---|
| **Pin** | **Function** |
| 1 | Shield |
| 2 | Vdc |
| 3 | GND |
| 4 | ID+ |
| 5 | ID- |




| ID-NET In<br>M12 5P Male (A-coded) | |
|---|---|
| **Pin** | **Function** |
| 1 | Shield |
| 2 | Vdc * |
| 3 | GND |
| 4 | ID+ |
| 5 | ID- |




QL100