

DATALOGIC - QUICK LINK 300

QL300

QL300 STANDARD CONNECTION MODULE

- Fast, easy connection for ID-NET™ networks
- Compact dimensions
- Passive master module

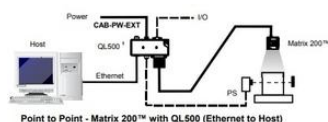


PRODUCT DESCRIPTION

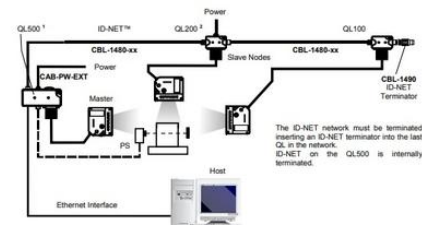
Quick Link is a complete series for fast, easy cabling of an ID-NET™ network by means of standard cables. QL300 is a passive master module designed for use with the slave modules QL100/150/200, but it can also be used as an independent unit. QL300 has separate ports for supply voltage, external trigger signal, Digital I/O and communication.

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	312 g



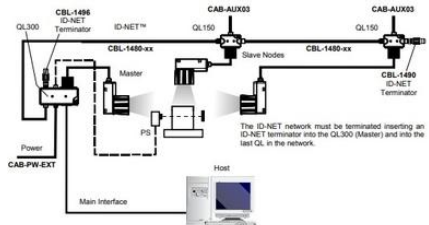
¹ The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL500 I/O Port and running the software configuration program.



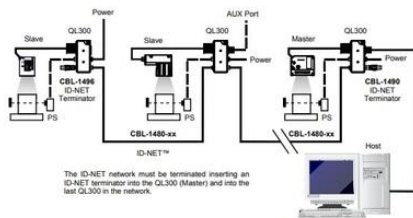
ID-NET™ Synchronized Network - DS4800 Master with QL500
+ DS4800 Slaves with QL200 and QL100

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 QL150
+ Matrix 400™ Slaves with QL150



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

I/O Port 15P HD D-Sub Female		Pin Function	
Pin	Function	Pin	Function
1	O1+	9	I2A
2	TXA	10	O2-
3	RXA	11	I2B
4	RXM *	12	TXM *
5	CTSM *	13	GND
6	O1-	14	SGND
7	Vdc	15	RTSM *
8	O2+		

Reader 25P D-Sub Female		Pin Function	
Pin	Function	Pin	Function
1, shell, both bushings	Reader Chassis	14	nc
2	TXM	15	nc
3	RXM	16	nc
4	RTSM *	17	nc
5	CTSM *	18	I1A
6	I2A	19	GND
7	GND	20	RXA
8	O1+	21	TXA
9	nc	22	O1-
10	I2B	23	ID+
11	O2+	24	ID-
12	O2-	25	GND
13	Vdc		

QL300 only (ID-NET In) M12 5P Male (A-coded)		Pin Function	
Pin	Function	Pin	Function
1	Shield	2	nc
2	nc	3	GND
3	GND	4	ID+
4	ID+	5	ID-
5	ID-		

Trigger M12 4P Female (A-coded)		Pin Function	
Pin	Function	Pin	Function
1	+V	2	nc
2	nc	3	+V
3	+V	4	I1+
4	I1+		

Power M12 3P Male (B-coded)		Pin Function	
Pin	Function	Pin	Function
1	Earth	2	Vdc
2	Vdc	3	GND
3	GND		

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

