# QX-830 COMPACT INDUSTRIAL SCANNER



# **Hardware Required**

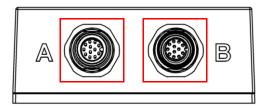
CONFIGURATION GUIDE

Item	Description	Part Number
1	QX-830 Compact Industrial Scanner	FIS-0830-XXXXG
2	QX-1 Interface Device	98-000103-02
3	QX Cordset, Common, M12 12-pin Socket to M12 12-pin Plug, 1 m	61-000162-02
4	QX Cordset, Host, Serial, M12 12-pin Plug to DB9 Socket, 1 m	61-000152-02
5	QX Cordset, Host, Serial, M12 12-pin Socket to DB9 Socket, 1 m	61-000153-02
6	QX Power Supply, 24V, 100-240VAC, +24VDC, M12 12-pin Socket	97-000012-01
7	QX Cordset, Host, Ethernet, M12 8-pin Plug (Ultra-Lock) to RJ45, 1 m	61-000160-01
or	QX Cordset, Host, Ethernet, M12 8-pin Plug (Screw-On) to RJ45, 1 m	61-000160-02
8	QX Cordset, M12 12-pin Plug / M12 12-pin Socket to MS-Connect 210, RS-232, 2 m	61-000158-03
9	QX Photo Sensor, M12 4-pin Plug, NPN, Dark On, 2 m	99-000020-02

Note: Additional cordsets and accessories are available in the Omron Microscan Product Pricing Catalog.

## **Pin Assignments**

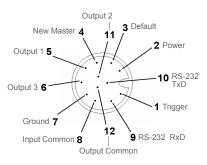
QX-830 (Back View)



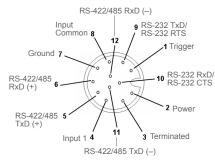
**Connector A** is a serial M12 12-pin plug. It is the same for all models of the QX-830.

**Connector B** is a serial M12 12-pin socket for serial models and an Ethernet M12 8-pin socket for Ethernet models.

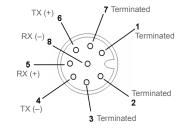
**Important:** See the QX-830 Compact Industrial Scanner User Manual for a list of the wire colors that correspond to each pin.



Connector A (All Models) M12 12-pin Plug

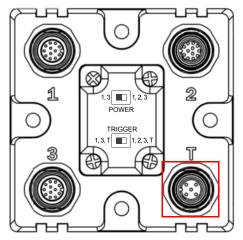


Connector B (Serial Models) M12 12-pin Socket

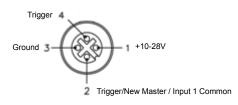


Connector B (Ethernet Models) M12 8-pin Socket

#### QX-1 Interface Device (Top View)



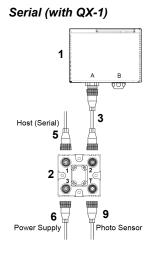
**Connector T** on the QX-1 Interface Device is the trigger connector. **Connectors 1**, **2**, and **3** can be used to bus power and data as required by the application.

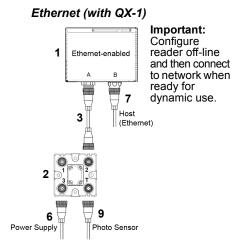


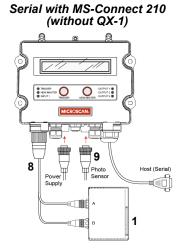
QX-1 Trigger Connector 4-pin Socket

#### QX-830 Configuration

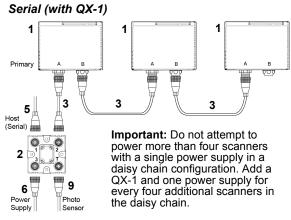
# **Standalone Configuration**

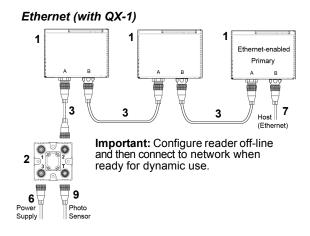




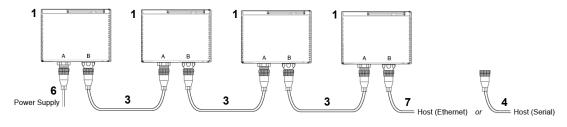


# **Daisy Chain Configuration**





## Serial or Ethernet (without QX-1)



# **Multidrop Configuration**

## Multidrop Network with MS-Connect 5100

