

QX-870 INDUSTRIAL RASTER SCANNER

CONFIGURATION GUIDE



Hardware Required

Item	Description	Part Number
1	QX-870 Industrial Raster Scanner	FIS-0870-XXXXG
2	QX-1 Interface Device	98-000103-01
3	QX Cordset, Common, M12 12-pin Plug to M12 12-pin Socket, 1 m	61-000162-01
4	QX Cordset, Host, Serial, M12 12-pin Plug to DB9, 1 m	61-000152-01
5	QX Cordset, Host, Serial, M12 12-pin Socket to DB9, 1 m	61-000153-01
6	QX Power Supply, M12 12-pin Socket, 1.3 m	97-000003-01
7	QX Cordset, Host, Ethernet, M12 8-pin Plug to RJ45, 1 m	61-000160-01
8	QX Cordset, M12 12-pin Plug to MS-Connect 5100, 3 m	61-000161-01
9	QX Cordset, M12 12-pin Plug / M12 12-pin Socket to MS-Connect 210, RS-232, 2 m	61-000158-01
10	QX Photo Sensor, M12 4-pin Plug, NPN, Dark On, 2 m	99-000020-02

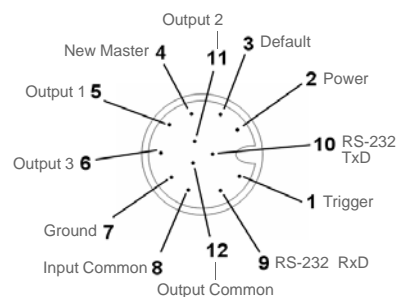
Note: Additional cordsets and accessories are available in the Microscan Product Pricing Catalog.

Pin Assignments

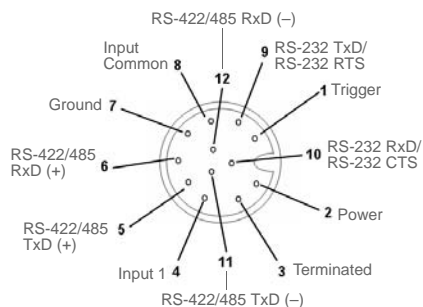
QX-870 (Base View)



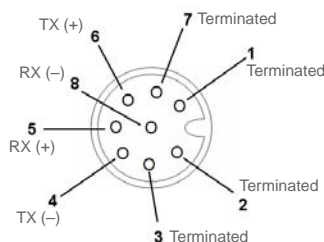
A is a serial M12 12-pin plug.
B is a serial M12 12-pin socket **or** an Ethernet M12 8-pin socket.
P/M is a serial M12 12-pin plug.
T is a 4-pin Micro-Change socket (identical to the QX-1 trigger connector shown below).



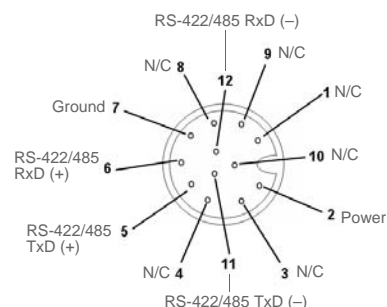
A (Serial) M12 12-pin Plug



B (Serial) M12 12-pin Socket

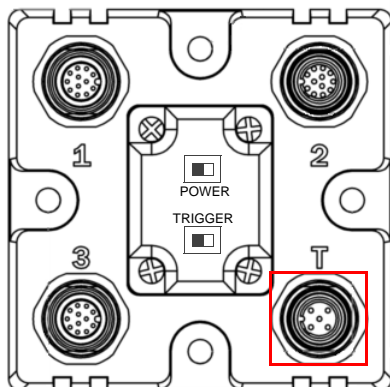


B (Ethernet) M12 8-pin Socket

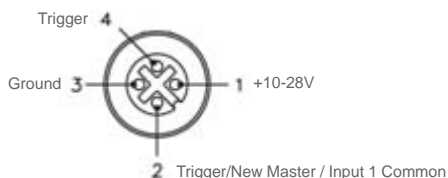


P/M (Serial) M12 12-pin Plug

QX-1 Interface Device (Top View)



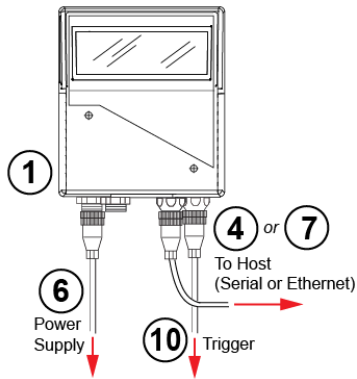
Connector T on the QX-1 Interface Device is the trigger connector.
Connectors 1, 2, and 3 can be used to bus power and data as required by the application.



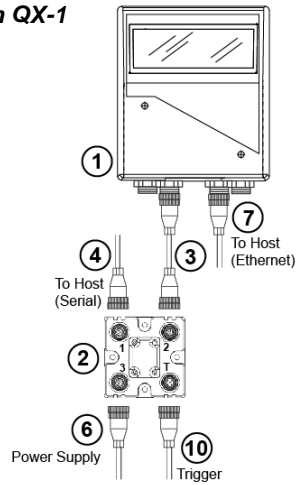
Trigger Connector 4-pin Socket

Standalone Configuration

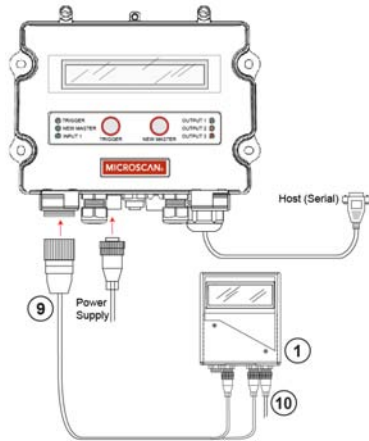
Without QX-1



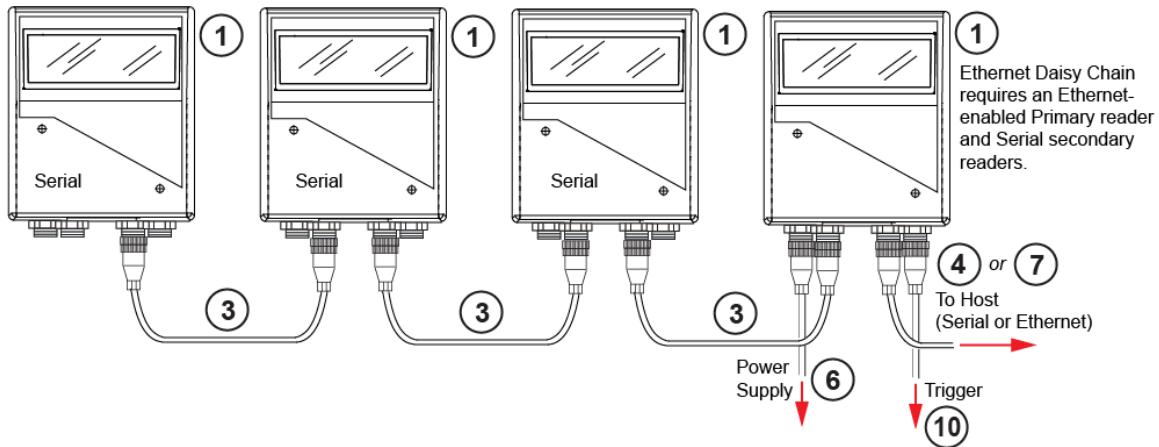
With QX-1



Serial with MS-Connect 210



Daisy Chain Configuration



Multidrop Configuration

Multidrop Network with MS-Connect 5100

