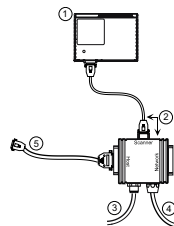




STAND ALONE

A single scanner is connected directly to the host. This is the basic set up for a single MS-820.



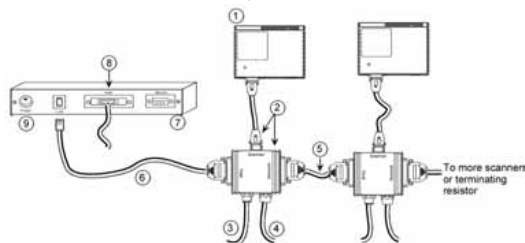
System Matrix

Product	Reference No.	Description
(1) MS-820	FIS-0820-00XX	Scanner Models
(2) IB-131 Kit	98-000014-01	Interface box & cable, 6' (1.8 m)
(3) Power Supply	97-100004-05 (110V) 97-100004-06 (220V)	24 VDC power supply
(4) Object Detector	99-000017-01	Photo electric sensor
(5) Comm Cable*	61-300026-01	25-pin plug to 9-pin socket, 6' (1.8 m)
Mounting Arm/Adapter Kit	98-000016-01 98-000016-02	6" (152 mm) mounting kit 4" (102 mm) mounting kit
Mounting Plate Kit	98-500006-01	For direct mount to flat surfaces
ESP-Software/ User Manuals CD	37-000001-01	Windows configuration software and MS-820 Digital User Manual
24-Hour Assurance	COV-0820-NX	24-hr guarantee for replacement scanner/1 yr. term

*If using another communications cable, make certain it does not have RTS/CTS connected to the host.

MULTIDROP

Up to 50 scanners can be connected in this set up linked to a concentrator or controller, such as the MS-5000. The concentrator sends data to the host.



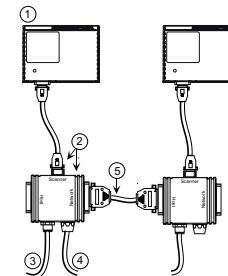
System Matrix

Product	Reference No.	Description
(1) MS-820	FIS-0820-00XX	Scanner Model: up to 50
(2) IB-131 Kit	98-000014-01	Interface box & cable, 6' (1.8 m)
(3) Power Supply	97-100004-05 (110V) 97-100004-06 (220V)	24 VDC power supply
(4) Object Detector	99-000017-01	Photo electric sensor
(5) Multidrop Trunk Cable	61-100030-02	10' (3 m) cable for connecting IB-131s together.
(6) IB-131 to Concentrator Cable	61-230004-10	12' (3.6 m) cable connects concentrator to first IB-131
(7) MS-5000	FIS-5000-00XX	Concentrator
(8) Comm Cable*	61-300026-01	6' (1.8 m) RS-232 from MS-5000 to Host
(9) MS-5000 Power Supply	97-100004-01 (110V) 97-100004-02 (220V)	Power supply for MS-5000
Mounting Arm/Adapter Kit	98-000016-01 98-000016-02	6" (152 mm) mounting kit 4" (102 mm) mounting kit
Mounting Plate Kit	98-500006-01	For direct mount to flat surfaces
ESP Software/ User Manuals CD	37-000001-01	Windows configuration software & MS-820/MS-5000 Digital User Manuals
24-Hour Assurance	COV-0820-NX	24-hr guarantee for replacement scanner/1 yr. term

*If using another communications cable, make certain it does not have RTS/CTS connected to the host.

DAISY CHAIN

A master scanner is linked directly to the host. Slave scanners (up to 9) are linked in tandem. Data is sent from each scanner directly to the host.



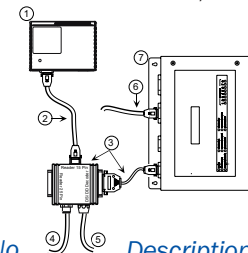
System Matrix

Product	Reference No.	Description
(1) MS-820	FIS-0820-00XX	Scanner Model: up to 10
(2) IB-131 Kit	98-000014-01	Interface box & cable, 6' (1.8 m)
(3) Power Supply	97-100004-05 (110V) 97-100004-06 (220V)	24 VDC power supply
(4) Object Detector	99-000017-01	Photo electric sensor
(5) Daisy Chain Trunk Cable	61-100029-01	1' (.3 m) cable connects IB-131s together
Comm Cable*	61-300026-01	25-pin plug to 9-pin socket, 6' (1.8 m)
Mounting Arm/Adapter Kit	98-000016-01 98-000016-02	6" (152 mm) mounting kit 4" (102 mm) mounting kit
Mounting Plate Kit	98-500006-01	For direct mount to flat surfaces
ESP Software/ User Manuals CD	37-000001-01	Windows configuration software and MS-820 Digital User Manual
24-Hour Assurance	COV-0820-NX	24-hr guarantee for replacement scanner/1 yr. term

*If using another communications cable, make certain it does not have RTS/CTS connected to the host.

DS-DD DECODER

In this set up, scanner serves as an undecoded scan head paired with an Allen-Bradley DS-DD decoder.



System Matrix

Product	Reference No.	Description
(1) MS-820	FIS-0820-00XX	Scanner: 1 for each decoder
(2) MS-820 to IB-140 Cable	61-000011-01	Connects MS-820 to IB-140
(3) IB-140 Kit	98-100016-02 98-100031-01	DS1A or DD1A DS4A or DD4A
(4) Power Supply	97-100004-05 (110V) 97-100004-06 (220V)	24 VDC power supply
(5) Object Detector	99-000017-01	Photo electric sensor
(6) Programming cable	61-300026-02	Connects decoder aux. port & PC (host)
(7) DS-DD Decoder	Existing Equipment	Allen-Bradley decoder box
Mounting Arm/Adapter Kit	98-000016-01 98-000016-02	6" (152 mm) mounting kit 4" (102 mm) mounting kit
Mounting Plate Kit	98-500006-01	For direct mount to flat surfaces
ESP Software/ User Manuals CD	37-000001-01	Windows configuration software and MS-820 Digital User Manual
24-Hour Assurance	COV-0820-NX	24-hr guarantee for replacement scanner/1 yr. term