



# SureCross DX80 Wireless

Model Number	D IN	D OUT	A IN	A OUT	0-10V dc	NPN	FlexPower™	M-GAGE	TC	RTD	Counter	Temp/Humid	K50	Serial Interface	Int. Batt.	GW Pro	Frequency	Antenna	Part No.	Data Sheet
<b>Nodes</b>																				
DX80N9X6S4P4	4	4															900MHz	EXT	77317	131293
DX80N9X6S2P2M2M2	2	2	2	2													900MHz	EXT	77310	131295
DX80N9X6S4P4M2M2	4	4	2	2													900MHz	EXT	76998	131936
DX80N9X6S4P4V2V2	4	4	2	2	x												900MHz	EXT	78554	134323
DX80N9X6S8P4	8	4															900MHz	EXT	77604	132160
DX80N9X6S4P8	4	8															900MHz	EXT	77603	132161
DX80N9X6S6N6	6	6				x											900MHz	EXT	79391	136324
DX80N9X6S6P6	6	6															900MHz	EXT	77602	132162
DX80N9X6S0P0V4V4			4	4	x												900MHz	EXT	79392	136326
DX80N9X6S0P0M4M4			4	4													900MHz	EXT	78552	134322
DX80N9X2S2N2M2	2	2	2			x	x										900MHz	EXT	77570	131296
DX80N9X2S2S							x							x			900MHz	EXT	79393	136971
DX80N9X2S4N4	4	4				x	x										900MHz	EXT	79394	136328
DX80N9X2S4A2	2	2				x	x			2							900MHz	EXT	78553	136348
DX80N9X1S3A0	1	1				x	x			1					x		900MHz	EXT	80967	136972
DX80N9X1S1H							x					x			x		900MHz	EXT	80969	137322
DX80N9X1S1K3							x						x				900MHz	EXT	80973	137526
DX80N9X2S2N2T	x	x				x	x		3								900MHz	EXT	77460	131297
DX80N9X2S0P0R							x		4								900MHz	EXT	77458	131597
DX80N9X2S2N2M4	2	2	4				x										900MHz	EXT	77457	131762
DX80N9X1W0P0Z							x	x									900MHz	INT	74191	131598
<b>Gateways</b>																				
DX80G9M6S6P6Z	6	6						6									900MHz	EXT	77945	134303
DX80G9M6S4P4	4	4															900MHz	EXT	77571	131291
DX80G9M6S2P2M2M2	2	2	2	2													900MHz	EXT	77572	131292
DX80G9M6S4P4M2M2	4	4	2	2													900MHz	EXT	77950	131935
DX80G9M6S4P4V2V2	4	4	2	2	x												900MHz	EXT	78555	134301
DX80G9M6S8P4	8	4															900MHz	EXT	77606	132157
DX80G9M6S4P8	4	8															900MHz	EXT	77605	132158
DX80G9M6S6N6	6	6				x											900MHz	EXT	79395	136323
DX80G9M6S6P6	6	6															900MHz	EXT	77607	132159
DX80G9M6S0P0V4V4			4	4	x												900MHz	EXT	79396	136325
DX80G9M6S0P0M4M4			4	4													900MHz	EXT	78551	134302
DX80P9T6S																x	900MHz	EXT	76996	131933

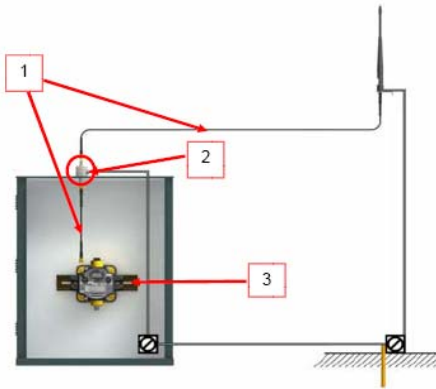
Notes:  
 All analog I/O is 0-20 mA unless otherwise noted.  
 All discrete I/O is PNP unless otherwise noted.  
 For External Antenna options replace **S** with **W** in the model number. For example, DX80N9X6**S**4P4 would become DX80N9X6**W**4P4 for internal antenna model  
 For a complete list of models and kits with mapped I/O see SureCross brochure p/n 131620 or BSF.com

Battery Units	
DX81	FlexPower Battery supply- single 3.6V cell
DX81P6	FlexPower Battery supply- six 3.6V cells
Contact Factory	FlexPower Solar Module

Accessories	
SMBDX80DIN	Din-Rail mounting bracket for GW and ND
QT50ULBQ6-75390	Ultrasonic sensor, optimized for FlexPower
MQDEC2-506	5-pin Euro QD cordset for QT50U, 2 meter
MQDEC2-515	5-pin Euro QD cordset for QT50U, 5 meter
SM312LPQD-76885	Polarized retro-reflective photoelectric sensor, optimized for Flex Power
SM312DQD-75904	Diffuse photoelectric sensor, optimized for Flex Power
MQDC-406	4-pin Euro QD cordset for SM312, 2M

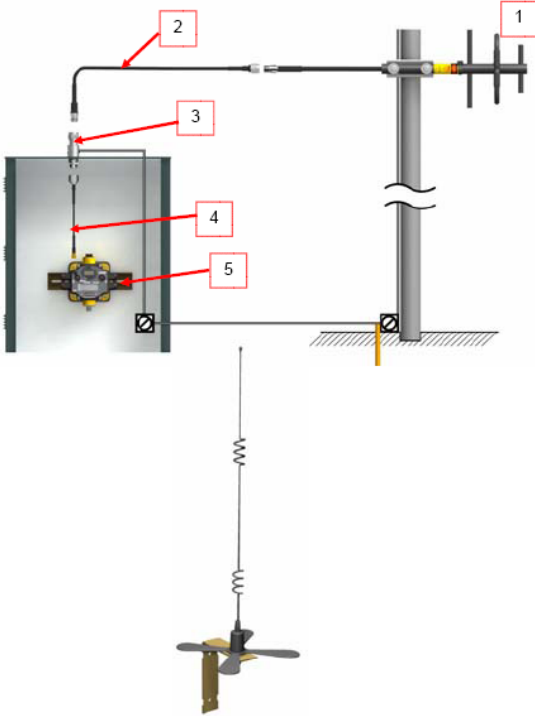


**DIN-rail mount in enclosure, using provided antenna and bulkhead surge arrester**



#	Parts to include on quote	Description
1	BWC-1MRSFRSB0.2	Cable, RSMA to RSMAF, 0.2 Meters
	BWC-1MRSFRSB1	Cable, Reverse SMA to SMA, 1 Meter
	BWC-1MRSFRSB2	Cable, Reverse SMA to SMA, 2 Meter
	BWC-1MRSFRSB4	Cable, Reverse SMA to SMA, 4 Meter
2	BWC-LMRSFRPB	RSMA Male to SMA Female Bulkhead Surge Arrester
3	SMBDX80DIN	DIN-rail mounting bracket
		902-928MHZ 2DBI Omni Rubber Swival RSMA Male (PROVIDED)

**DIN-rail mount in enclosure, using OMNI antenna and bulkhead surge arrester**



#	Parts to include on quote	Description
1	BWA-905-B	902-928MHZ 5DBI OMNI Antenna, N Female (pictured)
	BWA-906-A	902-928MHZ 6DBI Fiberglass OMNI Antenna, N Female (not pictured)
2	BWC-4MNFN3	Cable, LMR400 N Male to N Female, 3 Meters
	BWC-4MNFN6	Cable, LMR400 N Male to N Female, 6 Meters
	BWC-4MNFN15	Cable, LMR400 N Male to N Female, 15 Meters
	BWC-4MNFN30	Cable, LMR400 N Male to N Female, 30 Meters
3	BWC-LFNBMN	N Male to N Female Bulkhead Surge Arrester
4	BWC-1MRSMN05	Cable, RSMA to N Male, 0.5 Meters
	BWC-1MRSMN2	Cable, RSMA to N Male, 2 Meters
5	SMBDX80DIN	DIN-rail mounting bracket

**Use 1watt Data Radio to bring multiple sub-networks together into one serial data stream**

**Range Extension**

Place the Gateway in the middle for over-the-hill or around the corner range extension

