

Modbus Gateways/ Modbus Concentrators

	Entry-level		Wi-Fi	4G	Advanced					
										
General Information										
Model Number	MB5201	MB5202	MW5501/2C	MB5901B	MB5901	MB5904D	MB5908	MB5916	MB5908A	MB5916A
Network Interfaces										
Total number of ports	1	1	1	1	2	2	2	2	6	6
Total Fast Ethernet	1	1	1	-	2	(2)	2	2	6	6
10/100 BaseT(X)	1	1	1	-	2	(2)	2	2	(6)	(6)
100 Base-X (SFP)	-	-	-	-	-	-	-	-	(6)	(6)
Total Gigabit	-	-	-	1	-	(2)	-	-	-	-
10/100/1000 BaseT(X)	-	-	-	1	-	-	-	-	-	-
100/1000 Base-X SFP	-	-	-	-	-	(2)	-	-	-	-
Wi-Fi interface	-	-	2.4GHz	-	-	-	-	-	-	-
3G/4G interfaces	-	-	-	•	-	-	-	-	-	-
Network Redundancy										
RSTP redundant ports	-	-	-	-	2	2	2	2	2	2
Serial Ports										
Number of ports	1	2	1/2	(1)/(2)	1	4	8	16	8	16
RS-232 RS-422 RS-485 full func.	1	2	1/2	1(RS-232/485)	1	4	8	16	8	16
RS-232 only	-	-	-	1(only 10 vers.)	-	-	-	-	-	-
Serial port Isolation	-	3kV(Optional)	-	-	-	3kV(Optional)	2.5kV(Optional)	2.5kV(Optional)	3kV(Optional)	3kV(Optional)
Serial port connector	DSub9/TB	DSub9/TB	DSub9/TB	DSub9/TB	DSub9/TB	DSub9/TB	RJ45	RJ45	DSub9/TB	DSub9/TB
Other interfaces										
Digital Inputs				2 (Optional)						
Digital Outputs				2 (Optional)						
Relay Output						1			2	2
Power Supply input										
Power Input	5 & 9~48 VDC	5 & 9~48 VDC	9~48 VDC	9~48 VDC	9~48 VDC	12~48 VDC	24~48 VDC	24~48 VDC	24~48 VDC	24~48 VDC
Power PoE 802.3af (PD)					Optional	Optional				
AC power input							100~240VAC	100~240VAC	100~240VAC	100~240VAC
High Voltage DC power input									100~370VDC	100~370VDC
Power Redundancy	•	•				•			•	•
Mechanical										
Installation	Field-Mount	Field-Mount	DIN-Rail	DIN-Rail	DIN-Rail	DIN-Rail	Rack-mount	Rack-mount	Rack-mount	Rack-mount
Ingress Protection	IP30	IP30	IP30	IP30	IP30	IP30	IP30	IP30	IP30	IP30
Dimensions (L x H x D) in mm	65 x 78 x 27	75 x 85 x 28	47 x 110 x 90	32 x 110 x 90	32 x 122 x 92	55 x 145 x 113	440 x 44 x 200	440 x 44 x 200	440 x 44 x 309	440 x 44 x 309
Supported Temperatures										
Operations Temperature	-40~70° C	-40~70° C	-10~60° C	-40~70° C	-40~85° C	-40~85° C	-20/70° C	-20/70° C	-40/85° C	-40/85° C
Storage Temperature	-40~85° C	-40~85° C	-40~85° C	-40~85° C	-40~85° C	-40~85° C	-40~85° C	-40~85° C	-40~85° C	-40~85° C
Modbus Features										
Modbus TCP/RTU/ASCII Gateway	•	•	•	•	•	•	•	•	•	•
Modbus TCP/RTU/ASCII Concentrator					•	•	•	•	•	•
Redundancy option						•	•	•	•	•
Maximum number of slaves	•	•	•	•	•	•	•	•	•	•
Exception error handling	•	•	•	•	•	•	•	•	•	•
VPN			•	•	•	•	•	•	•	•
Compliance										
Industrial EMC Protection	•	•	•	•	•	•	•	•	•	•
CE/FCC	•	•	•	•	•	•	•	•	•	•
UL/EN/IEC(CB)60950-1 and/or 62368-1			•	•						
EN60950-1 and/or EN62368	•	•	•	•	•	•	•	•	•	•
UL61010-2-201						•				
EN50155 / EN50121-4										
IEC61850-3 / IEEE1613									•	•