

Automation Server Family of Modules

SpaceLogic Server – AS-P (continued)



AS-P

	AS-P-S Secure Boot	AS-P-NLS Secure Boot	AS-P-NLS-SMK Secure Boot
Part Number	SXWASPSBX10001	SXWASPSBX10002	SXWASPSBX1S002
Other Models	AS-P-SBA		
Part Number (Buy American Act Compliant)	SXWASPSBX10A01 SXWASPSBX10A01*		
Communication			
Communication Interface	LonWorks FTT-10, BACnet/IP, BACnet/SC (node, hub and router), BACnet MS/TP, Modbus TCP (Client+Server)*, Modbus serial (Master+Slave)*, EWS, Generic WebService consume * separate Modbus license required	BACnet/IP, BACnet/SC (node, hub and router), BACnet MS/TP, Modbus TCP (Client+Server)*, Modbus serial (Master+Slave)*, EWS, Generic WebService consume * separate Modbus license required	BACnet/IP, BACnet/SC (node, hub and router), BACnet MS/TP, Modbus TCP (Client+Server)*, Modbus serial (Master+Slave)*, EWS, Generic WebService consume * separate Modbus license required
Software			
Programability	Function Block/Script Programmable	Function Block/Script Programmable	Function Block/Script Programmable
Physical			
Dimensions	90 W x 114 H x 64 D mm (3.60 W x 4.50 H x 2.50 D in.)	90 W x 114 H x 64 D mm (3.60 W x 4.50 H x 2.50 D in.)	90 W x 114 H x 64 D mm (3.60 W x 4.50 H x 2.50 D in.)
Weight (including baseplate)	0.245 kg (0.54 lb)	0.245 kg (0.54 lb)	0.245 kg (0.54 lb)
Power			
Power	24 V DC	24 V DC	24 V DC
Consumption	10 W	10 W	10 W
Environmental			
Operating Range	0 °C to 50 °C (32 °F to 122 °F) 0-95 % RH (non-condensing)	0 °C to 50 °C (32 °F to 122 °F) 0-95 % RH (non-condensing)	0 °C to 50 °C (32 °F to 122 °F) 0-95 % RH (non-condensing)
CPU Internals			
CPU	SPEAr320S, ARM926 core	SPEAr320S, ARM926 core	SPEAr320S, ARM926 core
Memory	4 GB	4 GB	4 GB
Battery	No	No	No
Real time clock	Yes -10 days backup/Super Capacitor	Yes -10 days backup/Super Capacitor	Yes -10 days backup/Super Capacitor
External Features			
Enclosure rating	ABS/PC, UL94 5VB, IP 20 (<12.5 mm protection)	ABS/PC, UL94 5VB, IP 20 (<12.5 mm protection)	ABS/PC, UL94 5VB, IP 20 (<12.5 mm protection)
HOA Switches (DO/AO)	N/A	N/A	N/A
Manual Override of Outputs	N/A	N/A	N/A
Digital Status LEDs	Yes	Yes	Yes
Service Port	Yes	Yes	Yes
Terminals			
I/O Expansion	Yes - Up to 29 modules/464 max I/O	Yes - Up to 29 modules/464 max I/O	Yes - Up to 29 modules/464 max I/O
External Enclosure/ Mounting			
Mounting	DIN-rail or wall mount	DIN-rail or wall mount	DIN-rail or wall mount
Certifications			
BTL	Yes	Yes	Yes
FCC	47 CFR § 15, Class B (Emission)	47 CFR § 15, Class B (Emission)	47 CFR § 15, Class B (Emission)
Industry Canda (IC)	ICES-003 (Emission)	ICES-003 (Emission)	ICES-003 (Emission)
UL	UL-916 (Energy Management Equipment)	UL-916 (Energy Management Equipment)	UL-916 (Energy Management Equipment)
C-UL US	Yes	Yes	Yes
CE - EU	Yes	Yes	Yes
WEEE - Directive of the European Union	Yes	Yes	Yes
RoHS Directive	Yes	Yes	Yes
RCM	Yes	Yes	Yes
US Patent	8 207 842, 8 271 102, 7 994 438	8 207 842, 8 271 102, 7 994 438	8 207 842, 8 271 102, 7 994 438
UL-864	No	No	Yes

*Note: EcoStruxure solution installations or BMS transitions requiring UL-864 certifications must use the SpaceLogic server AS-P-SMK or AS-P-NLS-SMK (listed above).

SXWASPSBX10A01 is a Buy American Act (BAA) compliant SpaceLogic AS-P-SBA Automation Server bundle, which includes SpaceLogic AS-P-SBA server, Power Supply PS-24 V-BAA for AS-P-SBA, Terminal Base TB-ASP-W1-BAA for AS-P-SBA, and Terminal Base TB-PS-W1-BAA for PS-24 V-BAA.

AS-P and AS-B conform to the BACnet® Building Controller (B-BC) profile at protocol revision 12 by the BACnet Testing Laboratories (BTL®). StruxureWare™ Building Operation v1.9 is the certified firmware revision.