

Automation Server Family of Modules

SpaceLogic Server – AS-P

The SpaceLogic Server – AS-P is an EcoStruxure server device at the Edge Level of the architecture. With superior performance, the AS-P simplifies system integration and modernization, and is the preferred choice for large, complex enterprise applications.



AS-P

The AS-P and AS-B feature dual Ethernet ports to elevate BACnet field bus communication to the IP level. Modernize the BMS while keeping in place legacy field buses and devices to future-ready current systems and move buildings into the 21st century!

	AS-P	AS-P-NL	AS-P-SMK
Part Number	SXWASPXXX10001	SXWASPXXX10002	SWXASPXXX1S001
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	BACnet/IP, BACnet /SC (node, hub and router), BACnet MS/TP, Modbus TCP (Client+Server), Modbus serial (Master+Slave), EWS, Generic WebService consume	LonWorks FTT-10, BACnet/IP, BBACnet /SC (node, hub and router), BACnet MS/TP, Modbus TCP (Client+Server), Modbus serial (Master+Slave), EWS, Generic WebService consume
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 (listed above) or AS-P-NLS-SMK (listed below).

Refer to BACnet International's site, BTL Listing of Tested Product page for up-to-date details on BTL certifications for product version.