

- Embedded Web Server for remote monitoring and configuration
- ASI Visual Expert configuration software pre-loaded
- ASI IntelliFront or ASI WebLink front end software pre-loaded
- Quad-core Intel Apollo Lake N4200 CPU
- Windows Remote Desktop for remote access
- 8 GB RAM (DDR3; 1600 MHz)
- 64 GB SSD drive
- 2 Ethernet ports (10/100/1000)
- Connect to a network, load project files, and the BAS Appliance is ready to go

The BAS Appliance is an embedded web server that provides both a system front end for remote monitoring and control of facilities, as well as configuration tools for BACnet or legacy ASI protocol building automation systems. All ASI Controls software is pre-loaded and pre-licensed to reduce the effort and time required to develop and install a system front end and configuration interface.

The device includes a copy of ASI Visual Expert software which enables configuration of controllers on BACnet or ASI legacy protocol control system networks.

The BAS Appliance also offers a choice of system front-end software:

- ASI IntelliFront – mobile responsive BACnet system front end with alarm and event annunciation and optional modules including Advanced Analytics, legacy ASI protocol driver.
- ASI WebLink (NetPlus Edition) – OPC client front end software with alarm and event notifications, native ASI protocol support and optional BACnet driver and BACnet scheduling.

A 64 GB solid state drive (SSD) delivers fast system startup times with room to store years of trend data. The maximum supported 8 GB of RAM is installed for optimized performance.

2 network ports are included for connecting the device to a LAN, WAN, or Internet.

The BAS Appliance includes a DIN rail mounting kit, and also supports standard desktop and wall mounting.

ASI recommends “headless” installation with no monitor or keyboard in a controls enclosure to minimize opportunity for access by unauthorized or untrained users.

Windows Remote Desktop is provided for remote access – ports and authorized users are configurable. Antivirus and Security programs should be installed by users after the product is received.

Note the base model does not include WiFi, add a USB-WiFi adapter to enable WiFi support. The device has two DisplayPorts, use an HDMI-DisplayPort adapter to connect an HDMI display.

ASI Controls ASIC/3 controllers provide BACnet/IP to MS/TP routing for networks, or a dedicated BACnet router can also be added.



Specifications

Power

Supply Voltage: 100-240 Vac, 50/60 Hz
 Power Supply: 12V DC; 36W
 Power Adapter included

Processor & Memory

Intel Apollo Lake N4200 CPU, 1.1 GHz, 4 cores
 8 GB SO-DIMM DDR3L, 1600 MHz

Storage

64 GB mSATA Solid State Drive with Power-Fail protection

Software

Windows 10 IoT Enterprise 2016 (64 bit)
 Windows Remote Desktop
 ASI Visual Expert
 Choice of:
 ASI Weblink NetPlus (+1 remote user)
 -or-
 ASI IntelliFront
 Internet Explorer 11, preconfigured for Weblink

Communications

Ports: USB 3.0 (2), USB C (1), USB 2.0 (4)
 Ethernet: 10/100/1000 (2)
 Video: Display Ports (2)

Other

Overall Dimensions:
 7.8" x 4.8" x 1.5"
 Weight: under 3 lbs.
 Case: Orange
 Operating Range: 0-50°C
 Fan-less

Mounting Hardware

DIN rail mount kit included



Description	Part Number
ASI BAS Appliance with ASI IntelliFront (100 points)	INFRAP0100
ASI BAS Appliance with ASI IntelliFront (500 points)	INFRAP0500
ASI BAS Appliance with ASI IntelliFront (1,000 points)	INFRAP001K
ASI BAS Appliance with ASI IntelliFront (2,000 points)	INFRAP002K
ASI BAS Appliance with ASI IntelliFront (5,000 points)	INFRAP005K
ASI BAS Appliance with ASI WebLink (ASI legacy protocol version)	WEBLINKBASAPP
ASI BAS Appliance with ASI WebLink (BACnet version)	WEBLINKBACNAP

Recommended Accessories	Notes
DisplayPort - HDMI Adapter	Device has 2 DisplayPorts
USB WiFi Adapter	No WiFi on base device