

## BFN-SALM-NS4 Network Distributor

The SALM-NS4 Network Distributor is Equipment Specifically Designed for use with the BFN Series Networked Products. Through the Network Distributor, Various BFN Network Products can be Organically Connected to Achieve the Purpose of Network Monitoring and Control. Combined with the BFN ESD.RTS Software, the Real-Time Working Status of BFN Networked Products can Communicate with the Host Computer (PC) and be Displayed on the Host Computer, While Also Being Saved. It is Suitable for Scenarios Such as Electronics Manufacturing, Medical Pharmaceuticals, Semiconductors, Optoelectronics / Optics, Precision Machining, Food Processing, And Aerospace Manufacturing.



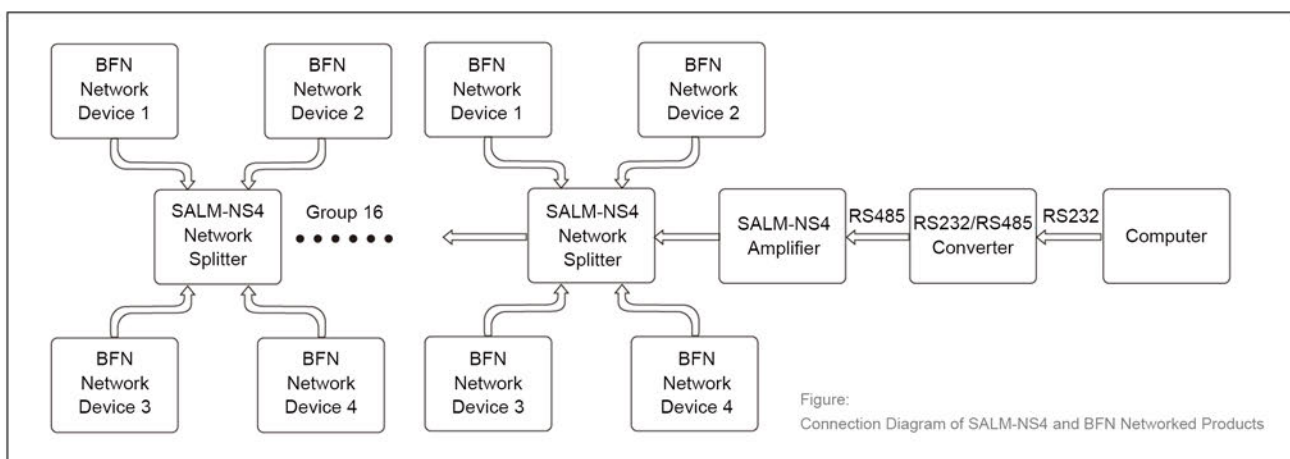
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### Structure

The SALM-NS4 Four-Channel Network Distributor Consists of Six Interconnected RS485 Network Communication Interfaces and One Power Jack. CH1~CH4 and the two IN/OUT Channels are Physically Interconnected. Power can be Supplied Via DC9V. The SALM-NS4 has an Internal Rectifier and Voltage Stabilization Circuit, Which can Provide Power for the CH1~CH4 Channels.

### Network Composition

Each CH1~CH4 Channel of the SALM-NS4 Four-Channel Network Distributor can Connect to BFN Series Networked Products. Using the ESD.RTS Software Installed on the Host Computer, Products on this Network can be Monitored in Real-Time. Install at an Appropriate Location so That the SALM-NS4 Network Distributor is Approximately Equidistant From its Four Adjacent BFN Networked Products. As Shown in the Figure Below, Devices 1 to 4 can be Any BFN Series Products With Network Functionality. From the Diagram, it can be Seen That the "Bus IN/OUT" Ports can be Cascaded to form Up To 16 Groups of Network Monitoring. After Completing the Cascading, Connect one of the IN/OUT Ports of the SALM-NS4 Network Connector to the Output of a 232-485 Converter. Plug the Input of the 232-485 Converter into the DB9 Port of the Host Computer (PC), Thus Completing the Hardware Connection of the Entire Network.



### Precautions

#### ◆ Maintenance

The SALM1821 Wireless Alarm Light is Maintenance-Free and can be Used Continuously. If the Product Becomes Unusable Due to Operator Misuse or Other Reasons Causing Damage, Please Submit it to the Supplier or Manufacturer for Repair. Do not Attempt to Disassemble or Repair it Yourself.