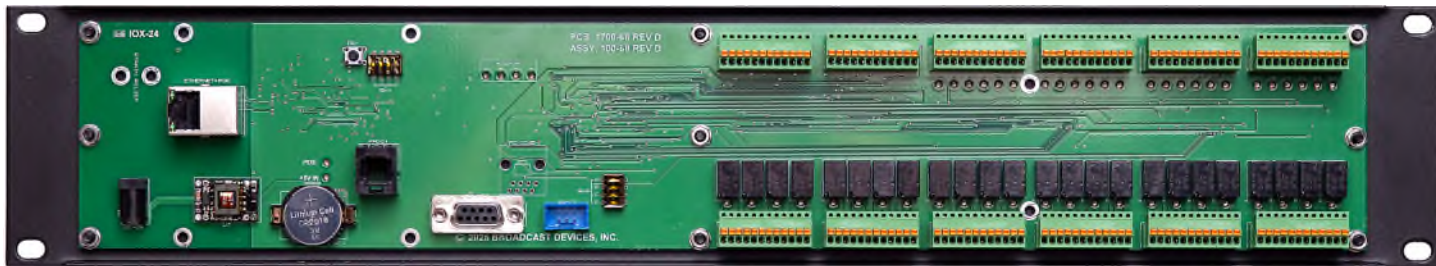


# IOX-24S Remote Control and Channel Expander

**bdi**

## SNMP Remote Control and SNMP Channel Expansion Panel



IOX-24S Remote Control or Channel Expander, rear panel

## Features

- Standalone SNMP Remote Control system which operates with a Free Windows App Graphical User Interface
- Windows App provides individual tabs for up to eight (8) different IOX-24S Remote Control Panels, which may be in different locations
- Also can be used as a channel expansion panel for any SNMP-compatible remote-control system
- Useful for many transmitter and studio applications
- Operates from either 120 VAC electrical services or via Power over Ethernet (PoE)
- IOX-24S includes:
  - Twenty-Four (24) Control Relays
  - Twenty-Four (24) Status Inputs
  - Eight (8) Analog Metering Inputs
- Plug and play compatible with any BDI SWP-200 Series Switch Controller or BDI SWP-300 Remote Control through a serial connection

## Product Description

### A Stand-Alone SNMP Remote Control OR an Expansion Panel for SNMP Remote Control Systems

A simple standalone SNMP remote control with no cumbersome configuration, just a simple Windows-based GUI for complete control and status. Provides twenty-four (24) control relays, twenty-four (24) status inputs, and eight (8) analog inputs. The IOX-24S can be added to any BDI SWP Series Remote Control or Motorized Switch Controller for additional control, status, and analog metering channels. In addition, it can be used to add control and monitoring channels to ANY SNMP-compatible remote-control system. The IOX-24S is supplied with an SNMP MIB File. It can provide remote monitoring and control of facilities anywhere there is a network connection. Operates from an included 100 to 240 VAC power supply or via PoE.

The IOX-24S is the perfect solution for transmitter sites, remote weather radar sites, in the studio technical operation center, or anywhere that requires remote control and monitoring capability. With twenty-four (24) channels of NC/C/NO relay outputs, twenty-four (24) status inputs that can be configured for low or high-going indication, and eight (8) analog inputs for 0 to 5 volt sample inputs. All on one two (2) rack unit high, 19-inch EIA rack-mounted panel.

To make the SWP-200 series motorized switch controller a remote-control system, plug the IOX-24 panel into the IOX-24S Serial connector on the back. Already configured and ready to work with the IOX-24S. Or if you purchase the SWP-300 series product, which provides switch control and basic remote-control features, but you need more remote-control capability, the IOX-24 panel plugs directly into it as well.

# IOX-24S Remote Control or Channel Expander

Technical Specifications		IOX-24S
Relay Outputs:	Twenty-Four (24) Form C Relays are individually configurable for momentary or maintained closure. Relay contact rating: 2A @ 120VAC/2A 24 VDC	
Status Inputs:	Twenty-Four (24) Solid State inputs configurable for High or Low input. High input impedance: 3.00K ohms, Low input impedance: 1.8 ohms, Internal pullup to 5 VDC. CMOS/TTL Compatible	
Analog Inputs:	Eight (8) Accepts 0 to 5 VDC referenced to common	
Communications Interface:	Ethernet TCP/IP, SNMPv2 Agent (MIB supplied), supplied BDI Windows Graphical User Interface, and RS232	
RS232 Serial Connector:	DSUB9F	
Ethernet LAN Connector:	RJ45	
Power Requirements:	120 VAC, 60 Hz, 0.25 amps or Power over Ethernet (PoE)	
Operating Ambient Temperature:	32 to 122 degrees, F (0 to 50 degrees, C)	
Humidity:	95%, Non-condensing	
Mechanical Dimensions:	19 in W x 2 in D x 3.5 in H (483 mm W x 51 mm D x 89 mm H) Standard One EIA Rack Unit Enclosure	
Shipping Dimensions:	25 in W x 4 in D x 4 in H (635 mm W x 102 mm D x 102 mm H)	
Shipping Weight:	5 lbs. (2 kg)	



IOX-24S Remote Control Windows App Main Screen