

10/100 Sub-Micro Switch

BRAVO BCI 900

9-PORT SWITCH

Features

- Very small footprint .
- Ports 2 through 9 self-configure for MDI/MDIX uplink/downlink (no cross-cable needed).
- All 9 ports 10/100 auto-sensing.
- Full/half duplex auto-negotiation.
- External or internal power supply versions.
- 32K x 32 of SRAM for frame buffering.
- 2.0 Gbps high performance memory bandwidth.
- Wire speed reception & transmission.
- Built-in Flanges for convenient mounting.
- Flow control per 802.3x.
- Software independent.
- Optional upgrade for Port Based VLAN support.
- 1 K absolute MAC addresses.
- Automatic address learning, address aging & address migration.
- Broadcast storm protection.
- Provides high performance devices their own dedicated segments.
- Rugged steel enclosure
- Designed & manufactured in the USA

BCI 900 Overview

The BCI 900 is a small profile switch that's loaded with powerful features and enhanced for reliability.

Physical signal transmission and reception are enhanced through use of analog circuitry that makes this unit more efficient and allows for lower power consumption.

Description

The external power cube helps to keep the overall package small. However an internal self-regulating power supply version (70 to 270 VAC), is also available and is only slightly larger.

This layer 2 switch is designed to offer quality of service for the most advanced voice over IP applications. The upgraded model features console management for configuring of VLANs via a rear-mounted DB25 connector (feature not available yet).

The Bravo BCI 900 switch operates at wire speed with automatic MAC

address learning and aging requiring no user configuration. Flow control minimizes packet loss, enhancing overall network performance.

A complement of four LEDs per port allows for easy monitoring of link activity, full/half duplex, 10 or 100 Mbps operation and collision.

Power Requirement is 12 VDC @ 250ma maximum (all 9 ports loaded).

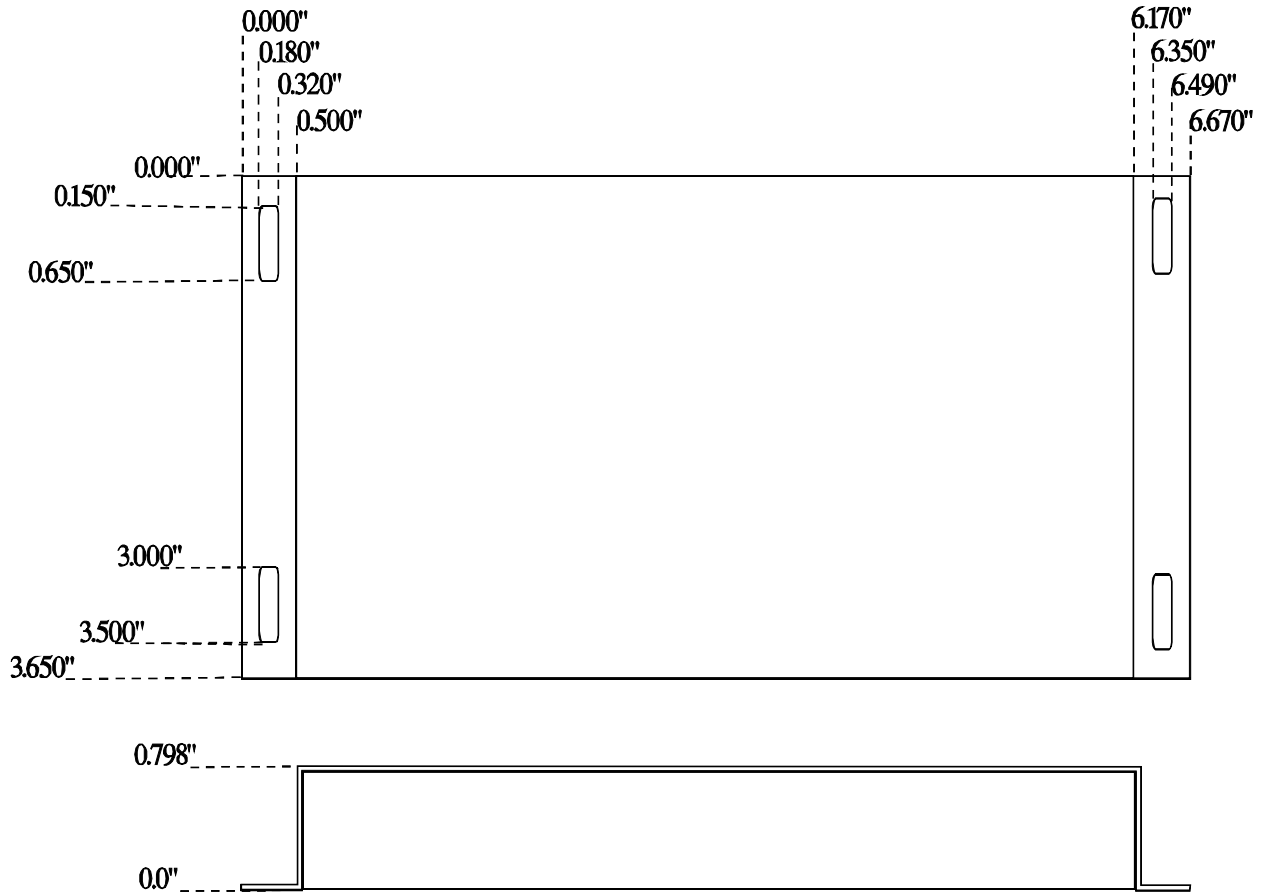
Wall-Mount 12 VDC power supplies are available in 110 VAC or 230 VAC versions

Technical Specifications

Network Standards	Ethernet IEEE 802.3	
Speed	10 Mbits/Sec. 100 Mbits/Sec.	Half or Full duplex
Power Requirements	<i>Input Voltage</i> <i>Output Voltage</i> <i>Power Consumption</i>	110 or 230 VAC (power supply) 12 VDC, 500 milliamps (power supply) 12 VDC @ 0.25 Amps at full load
LEDs	Total 37	Global power, plus 10/100, collision, link/activity and full / half duplex for each port
Switches	1	Reset Switch
Weight	1.2 lbs. (0.5 kg)	Excluding power supply
Dimensions	6.67" x 3.65" x 0.798"	(16.94 cm x 9.27 cm x 2.03 cm)
Environmental	<i>Operating Temperature</i> <i>Storage Temperature</i> <i>Relative Humidity</i>	32 to 122F (0 to 50 C) -4 to 140F (-20 to 60 C) 5% to 80% (non-condensing)
Connectors	9 Fully Shielded RJ45 connectors 1 DC Power Jack	
Cabling	UTP Category 3,4 , 5 or 5E, <i>maximun cable distance</i> 100 meters	
Regulatory Approvals	EMI FCC Class A & CE MARKED.	
Warranty	1 Year	

BCI 900 MECHANICAL LAYOUT

BCI900



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