

PIC Statement

Vendor Name:	Touch-Plate [®] Lighting Controls
Product Name:	Consensio BACnet Smart Control Station
Product Model Number:	CSN-B
Applications Software Version:	1.5e
Firmware Revision:	2.48
BACnet Protocol Revision:	7 (135-2008)

Product Description:

This unit is a wall station with 5 buttons that are mapped to binary inputs objects. Each button can be read as a momentary and maintain input. In addition, the buttons can be mapped to a IR transmitter for remote operation using the RC5 standard. Each button has a 3 color pilot LED that can be controlled via analog value object. Each pilot can support 8 colors with 16 intensity levels. A light sensor is also available and is mapped to a analog value object. Various device options can also be support via an analog object. MS/TP MAC address, baud rate, termination and biasing may be set using DIP switches. The inputs support subscribed Change Of Value (COV) operation.

BACnet Standardized Device Profile (Annex L): BACnet Application Specific Controller (B-ASC)

BACnet Interoperability Building Blocks Supported (Annex K):

DS-RP-B, DS-RPM-B, DS-WP-B, DS-WPM-B, DS-COV-B, DM-DDB-B, DM-DOB-B, DM-DCC-B, DM-RD-B

Segmentation Capability: Not supported

Standard Object Types Supported:

STANDARD OBJECT TYPES SUPPORTED				
Object	Create	Delete	Optional Properties	Custom Properties
Binary Input	N	N	DEVICE_TYPE, RELIABILITY, INACTIVE_TEXT, ACTIVE_TEXT	---
Analog Value	N	N	---	---

DataLink Layer Options: MS/TP master, baud rate(s): 9600, 19200, 38400, 76800

Device Address Binding: Is static device binding supported? No

Networking Options: No routing or BBMD functions are supported.

Character Sets Supported: ANSI X3.4



Table of Objects

OBJECT EXPLANATION					
Table No.	Object	Object Type	Value	Object ID	Used For
BI1	Momentary Switch Inputs	Binary Input	0 = Off, 1 = On	BI1 - BI5	To report button presses of Control Stations
BI2	Maintain Switch Inputs	Binary Input	0 = Off, 1 = On	BI101 - BI105	To report button holds of Control Stations
AV1	Control Station LED Modes	Analog Value	See chart in appendix for values.	AV1 -AV5	To control Control Stations flash, color, and intensity of LED lights
AV2	Device Options	Analog Value	1 = infinite COV On 0 = infinite COV Off	AV100	To resubscribe to COVs with no expiration of the subscription write a 0 value for Lifetime when subscribing
AV3	Light Sensor	Analog Value	1 to 19922.64	AV101	To read the light sensor level, value given in Lux.
AV4	Device Instance	Analog Value	1 to 4194300 Default: 68501-68999	AV1003	To read or change the Device ID or Device Instance
DO1	Device Object	Device Object	0 to 4194303	DEV68501-DEV68999	Describing properties of the device to the BACnet network

