



# SuperBrite™ Marquee Display - Model Number Matrix

## Series = SuperBrite™ Marquee Display

**SBMD** = SuperBrite™ Marquee Station Display;  
Fail-safe large display designed to integrate with any Vigilante AQS™, PLC, HMI or SCADA system; Tri-colour LED's arranged in four addressable lines;  
Each line can be addressed either as a digital register or by a Web Page entry;  
This functionality is done through the Web Page configuration interface and does not require any other software;  
Four line, 2" character height, approximately 20 characters per line.

### 1 = Power supply

**115V** =  
115 VAC ± 10%, 50/60 Hz power supply, 1.5 amp maximum peak current draw.

**230V** =  
230 VAC ± 10%, 50/60 Hz power supply, 1 amp maximum peak current draw.

**NOTE 1:** DIP SWITCH SELECTABLE POWER SUPPLY.

**NOTE 2:** CE Compliant

### 2 = Enclosure type

**NR** = Not required. To be installed in a customer supplied enclosure.

**41**"W x 14"H x 3"D  
(105 cm x 36 cm x 7.8 cm)  
20 lbs. (9 kg) weight.

**SS** = NEMA 4X Stainless Steel enclosure c/w Impact resistant Lexan window and Stainless Steel mounting lugs;

**51**"W x 19"H x 3.5"D  
(127 cm x 53.5 cm x 9 cm)  
47 lbs. (22 kg) weight.

\*\*\* TOTAL SHIPMENT WEIGHT AND DIMENSIONS INCLUDING PACKAGING IS 65 LBS - 26" X 55" X 9"

(29.5 KG - 661 mm X 1397 mm X 229 mm).

### 3 = Communications

**MB** =  
Selectable Modbus Ethernet TCP/IP or Modbus RS485 digital communications; RJ45 connection; Registers provided for tag name, tag value and tag units, LED colour and solid/flashing LED state; One analog 4-20 mA output; Three output relays, 8 amps @ 120 VAC, 5 amps @ 24 VDC.

**AB** = Allen Bradley EtherNet/IP™ digital communications.

### 4 = Options

**NR** = Options not required .

**SMyy** = Single mode fiber optic, 10/100 Mbps connection c/w J-Box.

**MMyy** = Multimode fiber optic, 10/100 Mbps connection c/w J-Box.

**NOTE 3:** yy = FIBER CONNECTION TYPE. SEE FIBER OPTIC OPTIONS.

**EZN-E** = Wireless Ethernet .

**EZN-LFV** = Leaky Feeder, VHF Radio modem.

**EZN-LFU** = Leaky Feeder, UHF Radio modem.

**NOTE 4:** SEE EZ Node™ WIRELESS DETAILS.



Series

SBMD

Power Supply

1

Enclosure Type

2

Communications

3

Options

4



## Fiber Optic connection options

**More time at the Face.**



### ST – Fiber Optic Connection

- This photo illustrates a ST fiber (ST = Straight Tip) cable that can be connected directly into a Maestro device using this option code.
- Normally used in multi-mode applications. The fiber connectors have a push and twist bayonet connector. The 2.5 mm ferrule diameter provides a robust design suited well for field applications.



### SC – Fiber Optic Connection

- This photo illustrates a SC fiber (SC = Square Connector) cable that can be connected directly into a Maestro device using this option code.
- Single and multi-mode applications. A snap action push-pull connector. The 2.5 mm ferrule diameter provides a robust design suited well for field applications.



# EZ Node™ Wireless Node - Model Number Matrix

**More time at the Face.**

Series = EZ Node™ Wireless Adapter

1 = Options



**EZN** = EZ Node™ Wireless Adapter

The EZ Node™ Wireless Adapter allows any Maestro product to connect directly to a wireless network.

Enclosure Specifications:  
NEMA 4X enclosure;  
ABS construction;  
Heavy duty aluminum back plate with stainless steel hardware.

**E** = Ethernet, IEEE 802.11b/g compliant, 2.4 GHz Wireless radio, PoE (Power over Ethernet), 1 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface, FCC Part 15.247, IC RS210 & CE Wireless approvals, RoHS Compliance c/w 3 dBi Omni-directional antenna, waterproof RJ45 connector and one 24 VDC power injector to be installed in any Ethernet based Maestro product, discovery tool, The EZ Node™ is configured through a simple web browser and requires no additional software.

**LFV** = Leaky Feeder, VHF Radio modem, 148 – 174 MHz, c/w unity gain stub VHF antenna, (Customer to provide upstream and downstream frequencies with order).

**LFU** = Leaky Feeder, UHF Radio modem, 450 – 480 MHz, c/w unity gain stub UHF antenna, (Customer to provide upstream and downstream frequencies with order).

**NOTE 1:** Leaky Feeder applications will require the Vigilante AQS™, AirScout™, GasMon™, EthernetI/O™ or SuperBrite™ Marquee Display to be configured with RS485 as the physical layer.

**NOTE 2:** Leaky Feeder applications will require a EZ Base™ Leaky Feeder Head End chassis and Protocol Converters..

Series



EZN

Options



1

Increase Safety and Productivity