



FEATURES

- Supports up to six SpeedDome, SpeedDome Ultra and Optima domes
- Meets Class 2 LPS power requirements
- Can be configured for either 120 VAC or 230 VAC input
- Hardwire or line card power latch
- Diagnostic LEDs
- Quick-release lockable cover latch
- Surge protection
- On/off switch for field servicing

RJ6SN

SIX-POSITION SENSORNET J-BOX

The six position J-Boxes provide Class 2 LPS power and data communications for up to six SpeedDome® Series programmable domes. Each J-Box receives data from the compatible controller and feeds that data to the domes.

The hinged front cover can be secured with the quick-release cover latch that can be locked for further security.

The units contain an on/off power switch as well as diagnostic LEDs for host, aux, dome activity, noise, and power. Surge protection circuitry within the J-Box arrests unexpected voltage surges on exterior power and data lines to protect interior equipment. The J-Boxes can be surface-mounted to concrete, wood, or sheet rock with supplied hardware. They can also be mounted to a ceiling or to a pole with user-supplied hardware.

SPECIFICATIONS

Model Number

Transformer primary jumpers and main line cord are field changeable to support either 120 VAC or 230 VAC.

Electrical

Input Voltage $\dots \dots 100$ to 120 VAC or 200 to 240 VAC,

50/60 Hz

Max Operational Limits90 to 135 VAC or 180 to 265 VAC,

50/60 Hz

rated gas tube

Operational

Diagnostic LEDs

PowerOn/off power switch

Mechanical

EnvironmentIndoor

Wall Mounting OptionsConcrete, wood, sheet rock

Dimensions (\ddot{H} x \ddot{W} x D) 320 x 210 x 160 mm

(12.60 x 8.27 x 6.30 in)

ColorLight gray

Cover LocksOne quick-release lockable cover latch

Cable AccessThree knockouts provided for cable access

SensorNet Serial Communication Interface

Cable Distance

J-Box to J-Box 1 km (3000 ft)

Host to J-Box 1 km (3000 ft)

J-Box to DomeLimited by the length of the low-voltage

AC power cable

Maximum Loads32/node

Cable TypeSingle unshielded twisted pair (UTP),

22 AWG, non-polarized

 $10\,kA$, $8/20\,\mu sec$ impulse rated gas tubes,

TVS rated at 1 watt

Host, Aux and

Dome Connectors Eurostyle plug

Environmental

Operating Temperature 0° to 50° C (32° to 122° F) Storage Temperature 40° to 70° C (-40° to 158° F) Relative Humidity 0 to 95% RH (non-condensing)

Regulatory

EmissionsFCC: 47 CFR, Part 15,

Subpart B Class A CE: EN55022, Class B CE: EN6100-3-2 CE: EN6100-3-3 AS/NZS 3548, Class A

CISPR22 ICES-003

> cUL: CSA 22.2, No. 950 CE: EN60950

IEC950

Compatibilities

SpeedDome Ultra Series Dome SpeedDome Optima Series Dome