



RVSFB120XB

Features:

- Multi-level surge suppression on data, video and power lines
- Built in Video DA with video output for test monitor connection
- Bosch Bi-Phase compliant
- Rugged design at low cost
- Available with NEMA 4X enclosure
- Small footprint: 7" W x 9" H x 6" D

Electrical:

AC Input Voltage: 120VAC 50/60 Hz, Fused 2ASB
 Dome Power Output: 24V, 50/60 Hz, 1.25A Max
 Heater Power Output: 24V, 50/60 Hz, 3.75A Max

Power Transformer:

Power Rating: 130 VA
 4000VRMS Hipot
 Class F insulation (155 Degrees C)
 UL Recognized
 TUV Type Approval
 CE Certified to IEC 950

Surge Suppression Data Ports:

Peak Surge Current (8 x 20 μ S): 10kA
 Response Time: <1 nS
 Voltage Clamp: 6V
 Technology: Hybrid
 Resistance: 5.4
 Impulse Life (10/1000 μ S 500A): 400 times
 EFT IEC 1000-4-4 and IEC 1000-4-2

Surge Suppression Video Ports:

Peak Surge Current (8 x 20 μ S): 10 kA
 Response Time: <1 nS
 Voltage Clamp: 8V
 Technology: Hybrid
 DC Resistance: 2.7
 Impulse Life (10/1000 μ S 500A): 400 times
 EFT IEC 1000-4-4 and IEC 1000-4-2

Surge Suppression AC Main:

Peak Pulse Current (8 x 20 μ S): 4500A
 Peak Pulse Energy (10 x 1000 μ S): 75J
 Max Clamping Voltage (8 x 20 μ S): 710V

Data:

Remote Control: DCE, RS-232,
 Rx (Pin 3)
 Tx (Pin 2)
 GND (Pin 5)
 Phillips Protocol

Dome:

Bosch Bi-Phase

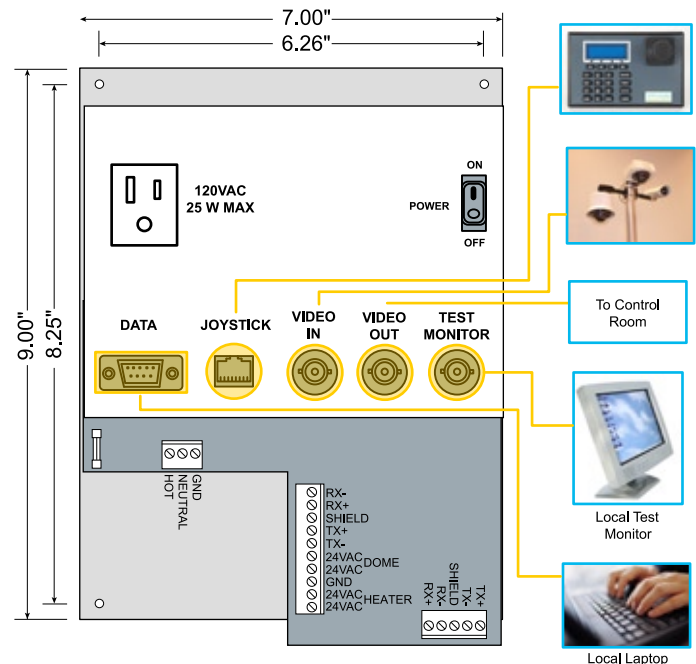
Video:

Video In: BNC, 75 Ohms
 Video Out: BNC, 75 Ohms
 Test Monitor: BNC, 75 Ohms

Mechanical:

Dimensions (without enclosure):
 7" W x 9" H x 6" D

Weight: 8lbs.



Environmental:

Operating Temperature: -40 deg C to +85 deg C
 Humidity: 5% to 95%, non-condensing

VDA:

Input Composite Video Signal: 1.0 Vpp.
 S/N Ratio: +60 dB typ.
 2nd Distortion: -40 dB typ.
 LPF Characteristics:

