



NAPCO[®]

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ADVANCED ADAPTIVE PIR/MICROWAVE TECHNOLOGY SENSORS

GEMC-BSLC-DT DUAL TECHNOLOGY DATA SHEET

WI1902 09/10

SPECIFICATIONS

General Coverage with standard wide-angle lens, measured indoors at 68°F (20°C), typical: 50 feet long x 40 feet wide; "Look Down" zone added.

Operating Temperature: 14° to 122°F (-10° to +49°C)

Mounting: Wall or corner, 6 - 9.8 feet (2 - 3m) max.

Microwave Frequency: 10.525GHz ±25MHz

Electrical Ratings

Input Power: 13.6-16.3VDC supplied by model GEMC-BSLC, 19mA.

Maximum Wiring Length: 2000' (#16 AWG). Refer to GEMC-BSLC documentation for complete wiring information.

Unit shall be connected to model GEMC-BSLC which is employed in the GEMC C-Series control panel which is provided with a minimum of 4 hours standby on battery power.

FEATURES

- Microprocessor signal processing
- Power-up system diagnostic tests virtually all electronics
- Remote Control of Walk-Test LED
- Microwave and PIR self test
- Watchdog microprocessor supervision
- Microwave circuit supervision
- Automatic PIR operation on microwave failure
- Dual-element PIR sensor
- High-efficiency, dirt-resistant grooves-in lens
- "Look-down" zone added
- Extensive RFI and EMI filtering ensure optimum immunity to false alarms

- Large lens area assures high PIR sensitivity
- Selectable Microwave/PIR LED indication visible from virtually any angle, extinguishable after testing.
- Small size; modern, unobtrusive design
- Silent operation
- Bracket-free corner or wall mountable
- Universal Swivel Bracket Kit available (not evaluated by UL)

PHYSICAL

Dimensions: (HxWxD) 4.6 x 2.9 x 2.9 in.

Shipping Weight: 1.0 lb (454g)

AGENCY LISTINGS

UL365: Police Station Alarm Units

UL609: Local Burglar Alarm Units and Systems

UL639: Intrusion-Detection Units

UL1023: Household Burglar Alarm System Units

UL1610: Central Station Burglar Alarm Units

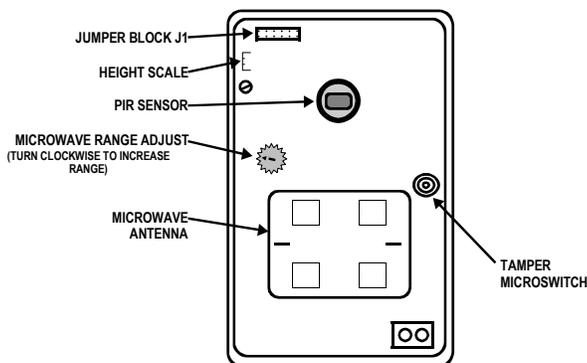
Security Industry Association (SIA) False Alarm Reduction Standard CP-01

FM Approval: (Pending)

ORDERING INFORMATION

SVLBKT: Swivel Bracket Kit

GEMC-BSLC-DT: Addressable SLC Commercial Burg Device - Dual Technology Motion Detector , PIR and Microwave, Range 40'x40'.



Circuit Board Layout