GEMC-WL-SMK
SUPERVISED
WIRELESS DIGITAL SMOKE DETECTOR
DATA SHEET

WI1905 09/10

DESCRIPTION

The GEMC-WL-SMK is a high-quality photoelectric smoke detector with built-in supervised digitally-coded radio transmitter. It is compatible with Napco's GEM-RECV and GEMC-RECV Series supervised receivers

that monitor alarms, restores, low battery, tamper and status. **Note:** See Control Unit installation instructions for compatibility.

During normal operation, when unit is in standby mode and is within proper sensitivity limits, the green LED on the GEMC-WL-SMK flashes once every 10 seconds. As soon as smoke is detected, the GEMC-WL-SMK sounds a local alarm and the transmitter sends an alarm signal to the supervised receiver (Operating Frequency: 319.5Mhz). The alarm signal is repeated as long as smoke is still present. A restore report is sent when the smoke detection chamber clears. Supervision status reports are sent from the GEMC-WL-SMK every hour.

Note: Coding switches are not required or used in the GEMC-WL-SMK; each transmitter is assigned a unique identification code number at the factory.

SPECIFICATIONS

Electrical Ratings

Input Power:

Powered by a 3-volt lithium battery. Use one 3-volt lithium Duracell DL123A, Varta CR123A, Panasonic CR123A or Sanyo CR123A.

PHYSICAL

5⅛" Diameter x 2" Depth

AGENCY LISTINGS

UL864 9th Edition: Commercial Fire

UL985: Household Fire Warning System Units

UL268: Smoke Detectors for Fire Protective Signaling Systems

NFPA 72 National Fire Alarm Code

CSFM: California State Fire Marshall (Pending)

FM Approval: (Pending)

NYCFD: NYC Fire Department (Pending)

ORDERING INFORMATION

GEMC-WL-SMK: Wireless Commercial Fire Device - Photoelectric Smoke Detector.

Note: Use System Sensor model SENS-RDR to verify smoke detector sensitivity as required by the NFPA in Commercial installations. For Go/No Go test, use UL Listed SDi SOLOA4 and SDi SMOKESABRE canned aerosol products to verify smoke detector trips into alarm.

Note: Smoke detectors are not to be used with detector guards unless the combination has been evaluated and found suitable for that purpose.