

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM



# LISTING SERVICE

**LISTING No.** 7256-0899:0113

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**CATEGORY:** 7256 -- SMOKE ALARM-IONIZATION TYPE (SINGLE/MULTIPLE)

**LISTEE:** Universal Security Instruments 11407-A Cronhill Dr., Owings Mills, MD 21117  
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**DESIGN:** Models **CD-9795** and USI-7795 single and multiple station, combination ionization smoke and carbon monoxide (CO) detectors. Also employs a silence feature.

\*Models CD-9775 and MW-1904 single station, combination ionization smoke and carbon monoxide (CO) detectors.

Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** CD-9795 and USI-7795: 120 VAC with 9 VDC battery backup  
\*CD-9775 and MW-1904: 9 VDC Battery

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, electrical rating, and UL label.

**APPROVAL:** Listed as single and multiple station ionization smoke and carbon monoxide detectors for use with any of the following batteries: Eveready (Energizer) 522, Duracell MN1604, or Ultralife U9VL-J. Refer to listee's Installation Instructions Manual for details.

These units can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2002 Edition.

**NOTE:** The ionization type detectors are generally more effective at detecting fast, flaming fires that consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen. The photoelectric type detectors are generally more effective at detecting slow, smoldering fires that smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding.

\*Rev. 5-7-09MA



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: **July 01, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO**, Program Coordinator  
Fire Engineering Division