



FDNY

BUREAU OF FIRE PREVENTION

9 MetroTech Center, 3rd Floor
Brooklyn, NY 11201

CERTIFICATE OF APPROVAL # 6262B (AMENDED) THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE and EXPIRES on FEBRUARY 20, 2023

By order of Fire Commissioner Daniel A. Nigro, and pursuant to Section FC 112 of the New York City New Fire Code, the following equipment or system is accepted for use provided the conditions as outlined below are in full compliance.

Manufacturer: Digital Monitoring Products, Inc.

Trade Name: Digital Monitoring Products, Inc.

Product: Fire Alarm Communication Equipment

Model Number(s): Universal Alarm Communicator:
**DualComNF-L, CellComF-LTE-V
CellComDF, CellComSF**

Pertinent Code Section(s): Section FC 901 of the New York City Fire Code

Prescribed Tests: UL 864, NFPA-72-2010, 1 RCNY §3616-04

Laboratories: Underwriters Laboratories, Inc.

Report(s): UL File S3598, Vol. 9; issued 2017-03-08; revised 2019-12-12

Description: Universal Alarm communicators are compatible with any regulated, power limited fire alarm control panel that communicates using the SIA DC-05-1999.09-DCS Contact ID message protocol. The **CellComF-LTE-V** and **CellComSF** provide the control panel with a fully supervised alarm communication path over the cellular network. The **DualComNF-L, CellComDF** provide a fully supervised alarm communication path over an Ethernet network in addition to the cellular path. Primary power for the communicator is supplied by the control panel's auxiliary output. Backup power for the communicator is supplied by the control panel's backup batteries through the auxiliary connection. When the FDNY approved FACP uses an integrated DACT as the primary means of communication (telephone line), the above listed communicators may be used as an alternate (backup) means of communication.

Conditions of Approval:

1. All uses, configurations, arrangements and functions, applications and installations shall comply with the provisions of New York City Construction Codes, specifically Building Code Chapter 9 & 1RCNY §3616-04. Further, the installation shall be in accordance with applicable provisions of New York City Fire Code, New York City Electrical Code, manufacturer's installation requirements, and UL Standard 864.
2. When used with a central office control communicator or a transmitter, the installation and operation of the equipment and devices shall comply with 3RCNY §901-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic detection alarm, sprinkler waterflow alarm, supervisory signal indications, and trouble indications.
3. The installation of Fire Alarm Control Unit must provide for fail-safe operation. This feature must assure that control of doors, locks, ventilation fans, and elevator recall will not be rendered inoperable in the event of a fire or power failure.
4. When installed as a Central Station Internet/Cellular communicator **both primary and secondary channels of communication** shall be required and shall meet the conditions of 4.1 – 4.7. **Network communication shall be used as primary channel** of communication with Central Station and **Cellular Communicator shall be used as the secondary channel** of communication **or in reverse order:** Cellular Communicator as primary and Internet connection as the secondary channel.
 - 4.1. Each communication channel shall be monitored for integrity at intervals not exceeding 24 hours.
 - 4.2. Failure any channel of communication shall be annunciated at the protected premises within 5 minutes of failure.
 - 4.3. When any channel of communication has failed, a trouble signal shall be sent to Central Station within 5 minutes of failure by the remained active channel.
 - 4.4. Reliability of the signal shall be achieved by any of the following:
 - 4.4.1. Signal repetition — multiple transmissions repeating the same signal
 - 4.4.2. Parity check — a mathematically check sum algorithm of a digital message that verifies correlation between transmitted and received message
 - 4.4.3. An equivalent means that provides a certainty of 99.99 percent that the received message is identical to the transmitted message
 - 4.5. The maximum duration between the initiation of an alarm signal at the protected premises, transmission of the signal, and subsequent display and recording of the alarm signal at the Central Station shall not exceed 90 seconds
 - 4.6. A spare Central Station Receiver shall be provided at the Central Station and shall be able to be switched into the place of a failed unit within 30 seconds after detection of failure
 - 4.7. All applicable requirements of Federal Communications Commission (FCC) shall be complied with.

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5. When the FDNY approved FACP with DACT that uses a telephone line as a primary channel of communication, **CellComF-LTE-V, CellComSF, DualComNF-L, CellComDF** Universal Alarm Communicators may be used as the secondary means of communication and shall comply with the requirements of 26.6.3.2.1 NFPA 72, 2010 edition.
6. All communication devices and antennas shall be installed and dedicated for transmission of fire alarm signals and shall be properly secured at all times from unauthorized use.
7. All wiring used for the building network communications shall be plenum rated cable with minimum temperature rating of 150 degree Celsius and shall be installed in a raceway per requirements of NYC 2011 Electrical Code, Article 760.
8. The **CellComF-LTE-V, CellComSF, DualComNF-L, CellComDF** Universal Alarm Communicators shall be used with FDNY approved Fire Alarm Control Panels that use the Contact ID Communication Protocol, version SIA DC-05 1999.09.
9. The **DualComNF-L or CellComF-LTE-V** Universal Alarm Communicator shall be provided with battery backup as per NYC 2011 Electrical Code, Section 760.41, (C) Battery.
10. The **CellComF-LTE-V, CellComSF, DualComNF-L, CellComDF** Universal Alarm Communicators shall be included in the battery calculations for the fire alarm control panel.
11. Only enclosures painted red in color shall be used.
12. UL Listing requirements and limitations shall be complied with.
13. All installations are subject to inspection, test, and approval from Fire Alarm Inspection Unit (FAIU).
14. Any change in central station communication service provider shall be reported to FAIU and is subject to re-inspection, test, and approval.
15. Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon each product by the applicant.
16. The Fire Department's conditions of approval shall be enumerated in the installation manuals and brochures that will be provided to all New York City buyers and users.
17. Fire Department Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product is acceptable as of the date of issuance.
18. The Fire Department reserves the right to withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this resolution or as represented in your application.
19. As the manufacturer of this product, you should be aware that any end user who fails to comply with the condition as outlined in the approval would be subject to enforcement action, which may include fines and imprisonment.

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20. This Certificate of Approval does not grant the right to use any trademark associated with the New York City Fire Department (the letters FDNY, the FDNY Shield design, the FDNY Maltese Cross design, and the seal of the City of New York). The unauthorized use of trademarks in connection with the sale of commercial goods or services violates federal and state laws.
21. Products marked to indicate the Certificate of Approval number might refer to the "NYC Fire Department" or "NYC Fire Dept." (e.g., "NYC Fire Dept. Certificate of Approval #XXXX").

Any change in company name or ownership, product name, design or model number of any product included on this certificate must be immediately reported to this Department in writing.

When responding to this Department regarding this subject matter, kindly refer to F.P. Index # 2001037A and to Igor Chouhereba attention, 9 MetroTech Center #1S-43-K, phone (718) 999-1997.

Very truly yours,



Igor Chouhereba
Supervisor of Electrical Installation, II
Technology Management

c: Trushant Shah, Deputy Director of Engineering, Technology Management.