CellCom LTE Alarm Communicators

- Provide monitoring center communication over cell for any burglary, commercial fire, or residential fire panel
- CellCom-LTE-V and CellComF-LTE-V enable basic remote panel control via Virtual Keypad™ app
- Provides end user alerts of arming/disarming, alarm, and other events
- Add Z-Wave® control of lights, locks, and thermostats with CellComZ-LTE-V

FEATURES

- Fully supervised universal alarm communication over LTE
- Program your own account number to easily work around locked panels
- External SMA antenna
- Use Contact ID dialer capture, four input zones, or bell monitoring
- Wiring for Ademco ECP Bus
- Communicates with DMP SCS-1R and SCS-VR Receivers
- Armed/disarmed status LED
- Private labeling available on the rubber logo insert
- Two output terminals with multiple output options

WORKS WITH MOST PANELS
If the existing panel supports Contact ID, it's a candidate for upgrading with CellCom-LTE-V, CellComZ-LTE-V, or CellComF-LTE-V. There are no issues with lockout codes. Simply add the CellCom-LTE-V unit to the existing installation and program in your own account number.

AVAILABLE BURGLARY COMMUNICATION
The CellCom-LTE-V provides control of basic panel security functions and video. The CellComZ-LTE-V adds the ability to remotely interact with Z-Wave devices, enabling a variety of home automation features including control of lights, door locks, thermostats, and more.

FIRE COMMUNICATION
The CellComF-LTE-V offers cellular fire communication on any fire control panel via Contact ID captures or zone inputs. Meets NFPA 72 Standard for Single Communication Technology.

MOBILE SYSTEM CONTROL
With CellCom LTE communicators, you can easily update your customers' older residential and commercial systems to the latest cellular communication links. With cellular in place, end users can remotely access their panels via the Virtual Keypad app. This makes it possible to use their mobile devices not only to control basic arm/disarm functions and receive alerts, but also to control Z-Wave home automation devices.

ENABLE VIDEO ON THE APP
With the CellCom-LTE-V communicators, you can easily add up to six video cameras. Via the Virtual Keypad app, end users can remotely view their premises to cancel or verify an alarm or simply check in on children or senior adults. Users can also capture still or video images.

FULLY SUPERVISED COMMUNICATION
CellCom-LTE-V allows alarm messages to be communicated to an SCS-1R or SCS-VR Receiver over the Verizon LTE network. Sending alarm communication for burglary control panels over the LTE network provides higher speeds.

FIELD PANEL UPDATES
The Model 400 USB Flash Module allows you to easily field update firmware for panels that would otherwise require the use of a computer and a Model 399 Programming Harness.

SYSTEM PROGRAMMING
System programming over cell via VirtualLink™ includes zone information and monitoring center communications.

MULTIPLE CONNECTION OPTIONS
CellCom-LTE-V communicators can be attached to the existing panel in a variety of ways. It can capture Contact ID messages from the dialer or connect the four input zones from outputs on the panel. Or it can sense the output of the bell of an existing alarm and communicate the appropriate message to the monitoring center.

FOUR ZONES
Each of the CellCom-LTE-V models provide four zones for connection to burglary control panel outputs. Zone 4 is intended for connection to the control panel bell output.

OUTPUTS
Use outputs to connect to an arming zone of an existing panel for control of that panel via the app.

EASY UPGRADE FOR DIALER-ONLY PANELS
Older, dial-up panels have new life with the addition of cellular communication. Earn customer loyalty by extending the life of their existing panels and build satisfaction with the purchase decision.

BUILD CUSTOMER LOYALTY
Avoid the possibility of customers seeking mobile intrusion alarm features from a competitor by enabling those features on their existing panel with a minimal additional cost. They are less likely to switch systems and cancel their contract. If they choose to replace the panel, they are more likely to rely on you.

DMP's Virtual Keypad app can be branded with your organization's logo and contact information to provide a daily reminder of your services.

Specifications

Dimensions	5.5" W × 3.75" H × 1" D
Color	White
Open-Collector Outputs	2
Zones	4

CellCom-LTE-V

Primary Power	12VDC
Current Draw	
Alarm	99 mA
Standby	51 mA

CellComF-LTE-V

Primary Power	12-24VDC
Current Draw at 12VDC	
Alarm	99 mA
Standby	51 mA
Current Draw at 24VDC	
Alarm	81 mA
Standby	30 mA

CellComZ-LTE-V

Primary Power	12VDC
Current Draw	
Alarm	109 mA
Standby	64 mA

Ordering Information

CellCom-LTE-V Universal Alarm Communicator
CellComF-LTE-V Universal Fire Alarm Communicator
CellComZ-LTE-V Universal Alarm Communicator with Z-Wave

Certifications

California State Fire Marshal (CSFM)
New York FDNY
Underwriters Laboratory (UL) Listed
- ANSI/UL 1610 Central Station Burglar (Cellular)
- ANSI/UL 1023 Household Burglar
- ANSI/UL 985 Household Fire Warning (CID Capture)

CellComF-LTE-V
- ANSI/UL 864 Fire Protective Signaling Systems

Cellular
- FCC Part 15: RI7ME910C1NV

CellComZ-LTE-V
- FCC Part 15 ID: CCKPC0163
- IC: 5251A-PC0163

For additional information, go to DMP.com/Compliance.

800-641-4282 | DMP.com
2500 N. Partnership Blvd, Springfield, MO 65803
Designed, Engineered & Manufactured in Springfield, MO using U.S. & global components

CellCom™ SERIES UNIVERSAL ALARM COMMUNICATOR

Compliance Listing Guide

BEFORE YOU BEGIN

This guide provides compliance information for the CellCom Series Universal Alarm Communicator. The CellCom-LTE-V Series Universal Alarm Communicator provides a fully supervised alarm communication path for any burglary, commercial fire, or residential fire control panel. DMP recommends that you read through the contents of this guide before starting the installation process. It describes the functions along with available installation options. Information contained in this guide allows you to learn the operation, functionality, and programming features of the communicator to meet specific applications. This guide covers all the requirements for installing the CellComSLCF and CellComF-LTE-V Universal Alarm Communicators for Commercial Fire installations. This document applies to the following models:

- CellComSLC CDMA Cellular Communicator
- CellComSLCZ CDMA Cellular Communicator with Z-Wave
- CellComSLCF CDMA Cellular Communicator for Commercial Fire
- CellCom-LTE-V LTE Cellular Communicator
- CellComZ-LTE-V LTE Cellular Communicator with Z-Wave
- CellComF-LTE-V LTE Cellular Communicator for Commercial Fire

PROGRAMMING REQUIREMENTS

System Programming Option Requirements

Notice to users, installers, authorities that have jurisdiction, and other involved parties: This product incorporates field-programmable software. In order for the product to comply with the requirements of a certificated installation, certain programming features or options must be limited to specific values or not used at all as indicated below.

PROGRAM FEATURE OR OPTION	STANDARD	PERMITTED?	POSSIBLE SETTINGS	SETTINGS PERMITTED
System Reports, RESTORAL	ANSI/UL 864	Y	NO, YES, DISARM	YES, DISARM
Communication, CHECKIN MINUTES	ANSI/UL 864	Y	3-250	3-58
Output Options, COMM FAIL OUT	ANSI/UL 864	Y	0, 1, 2	1, 2

APPLICATIONS

CID Dialer Connection

Directly connect the tip and ring from the control panel to the communicator. See Figure 1. This connection captures Contact ID messages from any fire panel that are based on the SIA communication standard DC-05-1999.09-DCS. Messages are then formatted into a Serial 3 message and sent to a DMP Model SCS-1R Receiver or SCS-VR Receiver.

Note: CID Dialer Connection cannot be used when using Zone 4 Bell Connection. Do not connect telephone company wires to the communicator. Remove any connected telephone company wires from the control panel.

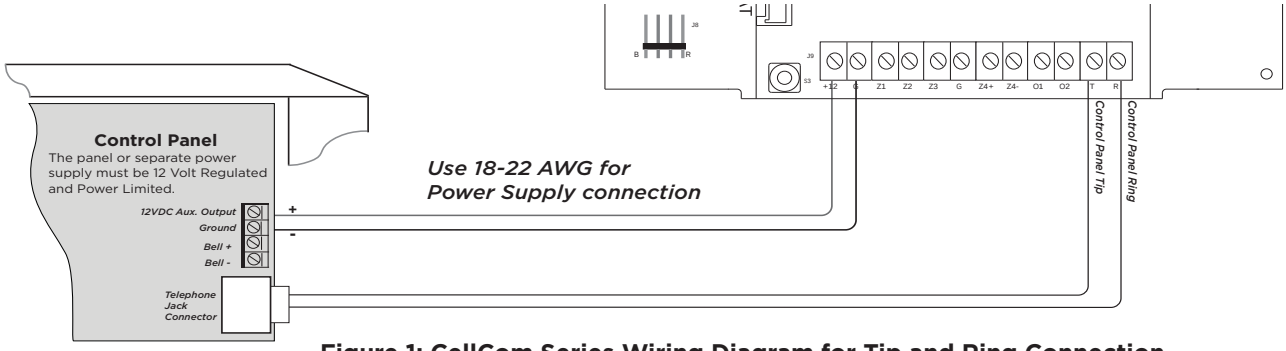

Figure 1: CellCom Series Wiring Diagram for Tip and Ring Connection

COMPLIANCE

CellComSLCF and CellComF-LTE-V Commercial Fire Communicator Installation ANSI/UL 864

Fire Protective Signaling Systems using Internet/Intranet/Cell Networks

A Performance Based Technologies system as defined in UL 864 10th Edition may be configured as CELL Primary with or without a backup path. The system may be configured as the following:

Path 1 Type CELL Primary with no Backup

PATH 1 PROGRAMMING	
Comm Type = CELL	Checkin Min = 58
Path Type = Primary	Failtime Min = 60
Test Rpt = No	
Checkin = Yes	

Model 685-R Back Box Installation

For Commercial Fire applications using the CellComSLCF or the CellComF-LTE-V and the included red plastic Model 685-R Back Box, mount the Back Box to the wall with the 1" #6 screws included with the fire communicator. Mount the fire communicator to the back box with the 1/2" #6 screws. See Figure 2. Locate the fire communicator within 20 feet of the control panel and route all wire in conduit.

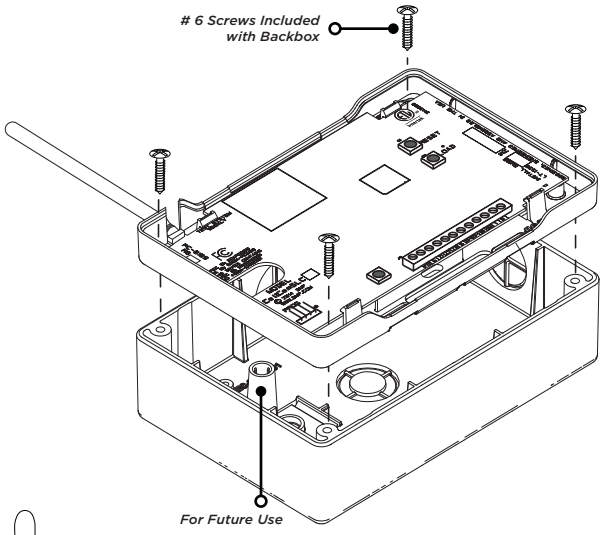

Figure 2: Model 685-R Back Box Installation

CellComSLCF and CellComF-LTE-V for FACP Communication Fail Output

24VDC Applications:

For 24VDC applications using the fire communicator, connect a keypad using a Model 330-24 4-wire programming harness with in-line resistor.

Output 1:

Output 1 must be programmed as a Comm Fail output in Output Options.

Installation Length:

Must be installed in conduit from the fire panel to the 685-R conduit box and located within 20 feet.

FACP Zone Input:

Program FACP Zone Input to indicate a communication trouble locally.

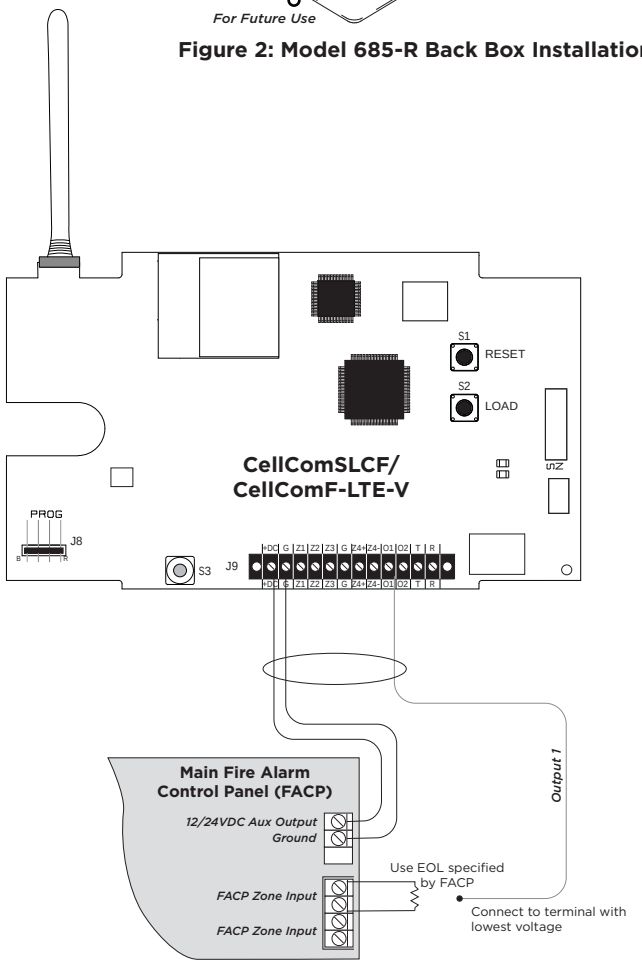

Figure 3: CellComSLCF and CellComF-LTE-V Wiring Diagram for FACP

NEW YORK CITY (FDNY) SPECIFICATIONS

Introduction

The programming specifications contained in this section must be completed when installing the CellComSLCF or CellComF-LTE-V and iCOMSLF for New York City (FDNY) fire alarm communicator installations for IP communication applications. Refer to the FDNY Certificate of Approval #6238 for the complete conditions of approval.

Network and Cellular Communication, Primary and Secondary

When installed as a central station Internet (Network) communicator or slave transmitter, both primary and secondary channels of communication shall be required and shall meet the conditions below. Network communication (iComSLF) shall be used as the primary channel of communication to the Central Station and a Cellular Communicator (CellComSLCF or CellComF-LTE-V) shall be used as the secondary channel of communication or in reverse order: Cellular Communicator (CellComSLCF or CellComF-LTE-V) as the primary channel and Network connection (iComSLF) as the secondary channel.

iComSLF Primary and CellComSLCF or CellComF-LTE-V Backup Programming

iComSLF PROGRAMMING	CellComSLCF or CellComF-LTE-V PROGRAMMING
Comm Type = NET	Comm Type = CELL
Checkin Min = 5	Checkin Min = 5
Failtime Min = 5	Failtime Min = 5
Test Rpt = Yes	Test Rpt = Yes
Test Freq = 1 Dy	Test Freq = 1 Dy

CellComSLCF or CellComF-LTE-V Primary and iComSLF Backup Programming

CellComSLCF or CellComF-LTE-V PROGRAMMING	iComSLF PROGRAMMING
Comm Type = CELL	Comm Type = NET
Checkin Min = 5	Checkin Min = 5
Failtime Min = 5	Failtime Min = 5
Test Rpt = Yes	Test Rpt = Yes
Test Freq = 1 Dy	Test Freq = 1 Dy

Wiring

All wiring must be in accordance with NEC, ANSI, and NFPA 70. All network cabling must be installed in accordance with NFPA 70 for communication circuits.

Additional Requirements

Program and install the equipment to comply with NFPA basic fire requirements. Refer to the Universal Fire Alarm Specifications and ANSI/UL 864 Specifications in this document.

Z-Wave

Note: Z-Wave functionality has not been evaluated by UL.

FCC NOTICE

This device complies with Part 15 of the FCC Rules. Affix the included FCC label to the exterior of the panel enclosure in plain sight. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications made by the user and not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

If necessary, the installer should consult the dealer or an experienced radio/television technician for additional suggestions. The installer may find the following booklet, prepared by the Federal Communications Commission, helpful:

"How to identify and Resolve Radio-TV Interference Problems."
This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402

Stock No. 004-000-00345-4

Information furnished by DMP is believed to be accurate and reliable.

This information is subject to change without notice.

CellCom SERIES UNIVERSAL ALARM COMMUNICATOR

Specifications

Primary Power Nominal 12VDC or 24VDC

Current Draw at 12VDC:

Standby	64mA
Alarm	109 mA (Peak Cellular Communication)

Current Draw at 24VDC:

Standby	30mA
Alarm	82 mA (Peak Cellular Communication)

Certifications

Cellular

- LTE FCC Part 15 ID: RI7ME910C1NV

CellComSLC, CellComSLCZ, CellCom-LTE-V, CellComZ-LTE-V

FCC Part 15 ID: CCKPC0163
IC: 5251A-PC0163
Underwriters Laboratory (UL) Listed

- ANSI/UL 1610 Central Station Burglar (Cellular)
- ANSI/UL 1023 Household Burglar
- ANSI/UL 985 Household Fire Warning (CID Capture)

CellComSLCF, CellComF-LTE-V

Underwriters Laboratory (UL) Listed

- ANSI/UL 864 Fire Protective Signaling Systems (CID Capture)

DMP®

Designed, engineered, and manufactured in Springfield, Missouri using U.S. and global components.
LT-1620 1.02 18512

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