GFP-A/AR

Fire Alarm Control Panel

Gamewell-FCI Elevate™ GFP-A/AR is an intelligent fire alarm control panel designed for small to mid size facilities.



GFP-A/AR Intelligent Fire Alarm Control Panel delivers a modern, intuitive approach to life safety with a high-definition 10-inch touchscreen interface that simplifies interaction for occupants, technicians, and first responders. Built with advanced detection and processing technology, the panel supports Honeywell's patented self-test detectors and magnet-activated AV testing, streamlining inspections and minimizing onsite disruption.

Designed for easy upgrades, the GFP-A/AR maintains compatibility with existing SLC wiring for Velociti® and CLIP devices from Gamewell-FCI S3 Series installations, helping facilities stay compliant while maximizing performance. It operates as a powerful standalone panel today and offers future-ready networking capability through a simple firmware upgrade, ensuring scalability as building protection needs evolve.

The standard GFP-A/AR configuration includes:

- **Enclosure:** Same footprint as legacy S3 panel
- **Signaling Line Module (SLM-318):** Supports up to 318 intelligent addressable devices
- **Power Supply (PMB):** Provides four NACs and two auxiliary outputs

Optional expansion slots allow:

- **One Additional Loop Card (SLM-318):** Expands capacity to two loops per panel (636 devices total).
- **Transmitter Module (TM-8) or Network Card** (for future networking capabilities).

The GFP-A/AR integrates with the Connected Life Safety Services (CLSS) platform through the CLSS Gateway, providing connectivity to central station, cloud, and mobile applications. (See HON-62034.). This cloud-based functionality provides remote programming, testing, and diagnostic monitoring of the system, along with reduced manual data entry and reporting. Use CLSS to access licensable panel features, CAMWorks+ Tool, workstation licenses, and more.

FEATURES AND BENEFITS

- 10" high definition touchscreen display with customizable buttons
- 6.0 A power supply with customizable outputs
  - Two auxiliary outputs configurable for resettable or non-resettable operation (Class B and Class A/B)
  - Four Class A/B power outputs that can be configured as Class A/ B Notification Appliance Circuits (NACs), power circuit, door holder circuit, or Universal Zone Coding circuit (UZC licensable option)
  - NACs support selectable System Sensor, Wheelock, and Gentex strobe synchronization
  - NACs support up to 3 patterns of output to allow dynamic signaling based on system events: Temp-3 (Fire), Temp-4 (CO), selective silence
- Easy expansion of isolated intelligent Signaling Line Circuit (SLC) capacity
  - One expandable to two
- Wireless fire protection using SWIFT® Smart Wireless Integrated Fire Technology
- Up to 159 detectors and 159 modules per SLC; 318 devices per loop/636 per FACP
  - Detectors can be any mix of photo, thermal, or multi-sensor; wireless detectors are available for use with the SWIFT Wireless Gateway (FWSG)
  - Modules include addressable pull stations, normally open contact devices, two-wire smoke detectors, notification, or relay; wireless modules are available for use with the FWSG.
- Self-Test detector technology
- Weekly Occupancy Schedules allow changing sensitivity by time of day and day of week
- Advanced smoke control management with simplified appliance- and zone-based configuration that reduces programming complexity and minimizes custom logic requirements while maintaining the flexibility needed to meet local AHJ requirements
- Supports automated periodic testing and fault identification on appliances and periodic report generation via connected printers or remotely through CLSS services.
- Supports configurable sequencing of smoke control equipment to enables safe, staged operation (e.g., dampers before fans)

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Gamewell FCI FIRE CONTROL INSTRUMENTS

to prevents simultaneous startup overload, ideal for automated testing and controlled system shutdown.
- Supports smoke control state retention and dedicated smoke control reset functionality to maintain required smoke control operation through fire alarm reset and enable controlled system restoration following fire events.
- Supports smoke control simulation through ACM-30 and Lamp Driver Module (LDM2-32/LDM2-60) for commissioning, system verification, and validation of programmed cause-and-effect responses without field device activation. Reduces on-site commissioning time by verifying programming prior to deployment.
- Supports LDM testing and diagnostics to validate graphic annunciator wiring, output operation, switch activity, and programmed point mapping for faster commissioning and maintenance.
- History Buffer (10,000 events, 3000 displayed)
- Advanced history filters for custom sorting: all events, alarms only, troubles only, supervisory only, other/security events, time/date interval, and point range.
- Alarm Verification selection per point, with automatic counter
- Color coded icon-based event notification
- Event filtering to quickly view event groups
- On site or remote graphical monitoring via LAN or Internet connection with CLSS Horizon (see HON-62125)
- Monitor multiple buildings through one off-campus central station, and report through the CLSS Gateway
- With the CLIP license added to the panel, each loop may be programmed to have all detectors and modules on the SLC to be Velociti® or all detectors and modules on the SLC to be CLIP or all detectors as Velociti® and all modules as CLIP or all detectors as CLIP and modules as Velociti®
- Supports dual telephone line communication to central receiving station using Ademco® Contact ID communication format with optional DS dialer
- Silence Inhibit and Auto Silence timer options
- Field programmable with CAMWorks + Tools
- Optional remote programing through CLSS
- Non-alarm points for lower priority functions
- Up to 2000 powerful Boolean logic equations
- Supplemental EIA-232 printer port
- Internal and external connectors for AIO Bus devices
- External AIO Bus supports Class A (200ft on 16AWG) or Class B (6000ft at 16AWG). The Internal AIO bus also supports Class B (6000ft at 16AWG) wiring. Any mix of ACM-30, RLD, LDM2-32/60, TM-8 may be added to the internal and/or external bus.
- Certified for seismic applications when used with the appropriate seismic mounting kit
- Configurable Local PAS Supports Presignal
- Signal Silence Inhibit and Automatic Signal Silence timer options
- Programmable DRILL participation and Alarm signal ON support

LICENSABLE PANEL FEATURES

- The functionality of the GFP panel can be enhanced through activation of licenses as shown in the Licensing Requirements table below. The GFP-A/R panel will be shipped from the factory with the following capabilities out of Box:
  -- Support for up to 2 loops
  -- Support 1 PMB
  -- 250 General Zones
  -- 250 Logic Zones
  -- 8 Custom Action Buttons
  -- 2 Smoke Control Zones
  -- 20 Smoke Control Appliances
  -- 20 Smoke Control Appliances
  -- 20 FSAE devices
  -- 11 Virtual Points
- For further feature enhancements on the panel, the following optional licenses can be activated:
  -General and Logic Zones: 250 in base, expanded upto 2000
  -Agent Releasing: None in base, Expanded upto 50 Agent releasing zones
  -Water Releasing: None in base, expanded upto 100 Water releasing Zones.
  -UZC (Universal Zone Coding)
  -Custom Action Buttons: 8 in base, expanded upto 32
  -CLIP Mode
- Fire Service Access Elevator (FSAE) Device: Support 20 devices in base, expanded upto 318 per panel.
- Virtual Points: 11 in base, expanded up to 511.
- Smoke Control Zones: 20 in base, expanded up to 250.
- Smoke Control Appliances: 20 in base, expanded up to 250.

SWIFT WIRELESS

- Self-healing mesh wireless protocol
- Each SWIFT Gateway supports up to 49 devices
- Up to 4 wireless gateways can be installed with overlapping network coverage

AGENT AND WATER RELEASING FEATURES

- Releasing using TC810S1000
- Up to 50 agent releasing zones (One time activation license in multiples of 10)
- Up to 100 water releasing zones (One time activation license in multiples of 10)
- Sophisticated cross-zone (4 options)
- Delay timer and Discharge timers (adjustable)
- Abort (five options)

INDUSTRY LEADING DETECTOR DESIGNS

- Addressable detectors available for photo, heat, CO, IR, and combinations
- Color kits available for aesthetic use
- First UL-Listed self-testing detectors available in photo, heat, and photo/heat models
- Single-ended beam smoke detectors
- Wireless detectors for use with SWIFT Wireless Gateway

VELOCITI® INTELLIGENT FEATURES

- Polls up to 318 devices on each loop in less than two seconds
- Activates up to 159 outputs in less than five seconds
- Fully digital, high-precision protocol (U.S. Patent 5,539,389)
- Manual sensitivity adjustment — up to nine levels
- Pre-alarm intelligent sensing — up to nine levels
- Sensitivity levels
  - **Photo:** 0.5 to 2.35%/foot obscuration
  - **High-Sensitivity Photoelectric (VIEW®):** Open Air Protection (0.5% - 2.0%/ft. obscuration), Special Applications (0.02%-0.5%/ ft. obscuration)
  - **Multi-Criteria Detector:** Open Air Protection (2.52-3.89%/ft. obscuration), Special Applications (1.13-2.52%/ft. obscuration)
  - **Acclimate® Plus:** 0.5 to 4.0%/foot obscuration
- Drift compensation (U.S. Patent 5,764,142)
- Multi-detector algorithm involves nearby detectors in alarm decision (U.S. Patent 5,627,515)
- Automatic detector sensitivity testing (NFPA-72 compliant)
- Maintenance alert (two levels)
- Self-optimizing pre-alarm
- Programmable activation of sounder/relay bases during alarm or pre-alarm

VELOCITI® EXCLUSIVE WORLD-LEADING DETECTOR PROTOCOL

At the heart of the GFP-A/AR panel series is a set of detection devices and device protocol — Velociti (U.S. Patent 5,539,389). Velociti is an all-digital protocol that gives superior precision.

This protocol enables quick identification of an active input device, as well as activation of many output devices in a fraction of the time required by competitive protocols. The high speed also gives GFP-A/AR the largest device per loop capacity in the industry – 318 points – yet every input and output device is sampled in less than two seconds. The microprocessor-based Velociti detectors have bi-color LEDs that can be coded to provide diagnostic information.

GAMEWELL-FCI ELEVATE™ INTELLIGENT SENSING

The Gamewell-FCI Elevate™ fire alarm panels uses advanced software algorithms that deliver industry-leading smoke detection performance when paired with Velociti® Series detectors. These sophisticated algorithms analyze multiple data points from every detector reading, enabling highly accurate detection. This level of processing is made possible by the high-speed microcomputer built into the Elevate™ GFP panels.

Drift Compensation and Smoothing. Drift compensation allows the detector to retain its original ability to detect actual smoke, and resist false alarms, even as dirt accumulates. It reduces maintenance requirements by allowing the system to automatically perform the periodic sensitivity measurements required by NFPA 72. Smoothing filters are also provided by software to remove transient noise signals, usually caused by electrical interference.

Maintenance Warnings. When the drift compensation performed for a detector reaches a certain level, the performance of the detector may be compromised, and special warnings are given. There are three warning levels: (1) Low Chamber value; (2) Maintenance Alert, indicative of dust accumulation that is near but below the allowed limit; (3) Maintenance Urgent, indicative of dust accumulation above the allowed limit.

Sensitivity Adjust. Nine sensitivity levels are provided for alarm detection. These levels can be set manually, or can change automatically between day and night. Nine levels of pre-alarm sensitivity can also be selected, based on predetermined levels of alarm. Pre-alarm operation can be latching or self-restoring, and can be used to activate special control functions.

Self-Optimizing Pre-Alarm. Each detector may be set for "Self-Optimizing" pre-alarm. In this special mode, the detector "learns" its normal environment, measuring the peak analog readings over a long period of time, and setting the pre-alarm level just above these normal peaks.

Cooperating Multi-Detector Sensing. A patented feature of GFP-A/AR Intelligent Sensing is the ability of a smoke sensor to consider readings from nearby sensors in making alarm or pre-alarm decisions. Without statistical sacrifice in the ability to resist false alarms, it allows a sensor to increase its sensitivity to actual smoke by a factor of almost two to one.

FIELD PROGRAMMING OPTIONS

Autoprogram is a time saving feature. The FACP "learns" what devices are physically connected and automatically loads them in the program with default values for all parameters. Requiring less than one minute to run, this routine allows the user to have almost immediate fire protection in a new installation, even if only a portion of the detectors are installed.

CAMWorks+ is an offline programming and test utility that can greatly reduce installation programming time, and increase confidence in the site-specific software. It is Windows® based and provides technologically advanced capabilities to aid the installer. The installer may create the entire program for the GFP-A/AR in the comfort of the office, test it, store a backup file, then bring it to the site and download from a laptop into the panel (Version 7.20 or higher).

MAIN SYSTEM COMPONENTS

GFP-A. Intelligent fire alarm panel with one SLC loop, 10" touchscreen display, 4 NACs, and power supply in a Grey enclosure. 26AH batteries can be accommodated inside the enclosure.

GFP-AR. Intelligent fire alarm panel with one SLC loop, 10" touchscreen display, 4 NACs, and power supply in a red enclosure. 26AH batteries can be accommodated inside the enclosure.

DIS-10-RD. Replacement touchscreen.

SLM-318. Signaling Line Module provides a Signaling Line Circuit of 159 addressable points. Add SLM-318 units to expand SLC capability. See 9021-2196.

AUXILIARY POWER SUPPLIES AND BATTERIES

HPF-PS6/10(B/E). PS Series Remote 6A/10A power supply with battery charger.

BAT Series. Sealed lead-acid batteries listed for fire-protective service. (Required.) See CS-2500.

OPTIONAL EQUIPMENT

PRN-7. 80-column printer. See 9021-60901.

VS4095/5. Printer, 40-column, 24 V. Order from Keltron, Inc.

ACM-30. Fully-customizable annunciator. Independently configured buttons with up to 60 points of annunciation. LEDs can be programmed to activate in red, green, yellow, white, amber, blue, cyan or purple. Up to 80 annunciators per FACP. See 9021-2195 for system specifications and mounting hardware.

GFP-RLD. Remote display provides the FACP up to 10 remote, serially connected remote display. See 9021-2193.

LDM2-32. Lamp driver Module for use with remote custom graphics provides 32 LED driver outputs (lamp-driver transistors sink to power common on alarm) and 10 switch inputs (one pre-configured for lamp test input). Connects to the panel via the AIO bus and may be set up as a router or a peripheral. Integral piezo sounds for each new alarm or trouble and is silenced with the Local Acknowledge switch, or may permanently disabled with a dip switch selection. It also offers the option of an external piezo. See 9021-62206.

LDM2-60. Lamp driver Module for use with remote custom graphics provides 60 LED driver outputs and 21 switch inputs (one preconfigured for lamp test input) Connects to the panel via the AIO bus and may be set up as a router or a peripheral. See 9021-62206.

TM-8. Panel module offers 8 programmable Form-C relays (4 low current 2A, 4 higher current 10A) and also provides either a remote station service with three reverse polarity outputs that communicate alarm, trouble, supervisory messages from the FACP or a municipal box connection that would trip a local energy municipal box. Can be located up to 6000ft from panel on RS485 bus. See 9021-62205.

LDM-CBL24, LDM-CBL48. Ribbon cable sets to provide either a 24"(60.96cm) or 48" (121.96cm) connection between LDM2-32/ LDM2-60 and LEDs or lamps on a custom graphic panel. Includes all cables necessary for one LDM2-32. LDM2-60 will need two cable sets. Cables have connector on one end only (split, strip, and connect other end to graphic annunciator).

COMPATIBLE INTELLIGENT MODULES

ASD-PL3-SELFT. White, low-profile intelligent self-testing photoelectric sensor, Velociti® only.

ASD-PTL3-SELFT. White, same as ASD-PL3-SELFT but includes a built-in 135°F (57°C) fixed-temperature thermal device, Velociti® only.

ATD-L3-SELFT. White, low-profile intelligent self-testing, configurable operation thermal sensor. Panel-programming can set the device to operate as either a 135°F fixed temperature sensor, a rate of rise and 135°F fixed temperature sensor, or a 190°F high temperature sensor. Velociti® only.

MCS-COF3/-IV. Velociti®, Addressable intelligent multi-criteria smoke sensors, photo, carbon monoxide, fixed temperature heat detector, and infra-red (IR).

MCS-COP3. Velociti®, Combined photoelectric and carbon monoxide sensor. .

MCS-CO3. Velociti®, Addressable carbon monoxide sensor.

MCS-PTIR, MCS-PTIR-IV. Addressable intelligent multi-criteria photoelectric, thermal, and IR sensors.
OSI-RI-GW. Addressable intelligent single-ended beam smoke detector.

ASD-PL3 White, low-profile intelligent photoelectric sensor, Velociti® only.

ASD-PL3-IV. Ivory, low-profile intelligent photoelectric sensor.

ASD-PTL3. White, same as ASD-PL3 but includes a built-in 135°F (57°C) fixed-temperature thermal device. Velociti® only.

ASD-PTL3-IV Ivory, same as ASD-PTL3 but includes a built-in 135°F (57°C) fixed-temperature thermal device.

ASD-PL3R. White, low-profile intelligent photoelectric sensor, remote test capable. For use with DNR/DNRW. Velociti® only.

ASD-PL3R-IV. Ivory, low-profile intelligent photoelectric sensor, remote test capable. Velociti® only.

ATD-L3. White, low-profile intelligent 135°F fixed thermal sensor, Velociti® only.

ATD-L3-IV. Ivory, low-profile intelligent 135°F fixed thermal sensor, Velociti® and CLIP.

ATD-L3R. White, low-profile intelligent rate-of-rise thermal sensor, Velociti® only. Must be mounted to one of the bases listed below.

ASD-PL3R-IV. Ivory, low-profile intelligent photoelectric sensor, remote test capable. Velociti® only.

ATD-L3H. White, low-profile intelligent 190°F fixed thermal sensor, Velociti® only. Must be mounted to one of the bases listed below.

ATD-L3H-IV. Ivory, low-profile intelligent 190°F thermal sensor, Velociti® and CLIP. Must be mounted to one of the bases listed below.

ASD-LS3 White, intelligent high-sensitivity photoelectric smoke detector, Velociti® only.

DNR. InnovairFlex low-flow non-relay duct-detector housing.

DNRW. Same as above with NEMA-4 rating, watertight. See 9021-60475.

CK300 Series Color Kits. Snap-on overlay to change color of a detector. For basic detectors: CK300 white; CK-300-IV ivory; CK300-BL for black. For Fire/CO and PTIR detectors, with IR opening: CK300-IR white, CK300-IR-IV ivory, CK300-IR-BL black. For Photo/ CO and CO only, with CO opening: CK300-CO-IV ivory. CK300-CO-BL black.

Note: *Not Applicable for Self test detectors.*

INTELLIGENT DETECTOR BASES

B224RB-WH. White, low-profile relay base.

B224RB-IV. Ivory, plug-in System Sensor relay base.

B224BI-WH. White, isolator base for low-profile detectors.

B224BI-IV. Ivory isolator detector base.

B300-6. White, standard flanged low-profile mounting base. (For 10-pack, order B300-6-BP.)

B300-6-IV. Ivory, standard flanged low-profile mounting base.

B501-WHITE. European-style, 4" (10.16 cm) base. (For 10-pack order,B501-WHITE-BP.) UL Listed.

B501-BL. Black, 4" standard European flangeless mounting base. ULListed.

B501-IV. Ivory color, 4" standard European flangeless mounting base. UL Listed.

B200S-WH. White, intelligent programmable sounder base, capable of producing a variety of tone patterns including ANSI Temporal 3. Compatible with synchronization protocol.

B200S-IV. Ivory intelligent, programmable sounder base.

B200SCOA-WH. White intelligent, programmable sounder base in English

B200SCOA-IV. Ivory intelligent, programmable sounder base in English

B200S-LF-WH. White, low-frequency version of B200S.

B200S-LF-IV. Ivory, low-frequency version of B200S.

B200SR-WH. White intelligent programmable sounder base, Temporal 3 or Continuous tone. For retrofit installations replacing B501BH series bases.

B200SR-IV. Ivory intelligent programmable sounder base, Temporal 3 or Continuous tone. For retrofit installations replacing B501BH series bases.

B200SR-LF-WH. White, low-frequency version of B200SR.

B200SR-LF-IV. Ivory, low-frequency version of B200SR.

COMPATIBLE INTELLIGENT MODULES

AMM-4, 4F. Velociti® monitor module. See 9020-0624.

AMM-2I, 2IF,DPID-SS. Velociti® dual monitor module. See 9020-0629.

AMM-4S, 4SF. Velociti® two-wire detector monitor module. See 9020-0630.

AMM-2, 2F. Velociti® miniature monitor module. See 9020-0626.

AOM-TEL,AOM-TELF. Firephone Telephone Module connects a remote firefighter telephone to a centralized telephone console. Reports status to panel. Wiring to jacks and handsets is supervised. See 9020-0628.

AOM-2S, 2SF. Velociti® control module. See 9020-0627.

TC810S1000. Velociti® releasing control module. See 9021-60905.

AOM-2R, 2RF. Velociti® relay module. See 9020-0625.

AMM-2RIF. Velociti® dual monitor/dual relay module. See 9021-60709.

MS-7 Series Pull stations

ISO-X(A). Isolator module.

ISO-6(A). Six fault isolator module. See 9021-60896.

MMO-6S, 6SF. Velociti® six-circuit supervised control module. See 9020-0634

MMI-6S, 6SF. Velociti® six-zone interface module; connects intelligent alarm system to two-wire conventional detection zone. See 9020-0633.

MMO-6R, 6RF. Velociti® six-relay (Form-C) control module. See 9020-0632.

MMI-10, 10F. Velociti® ten-input monitor module. See 9020-0631.

ENCLOSURES, CHASSIS, AND BACKBOXES

GFP-RLD-E3-ADP. Adapter plate to mount the RLD in an E3BB-FLUSH-LCD or E3BB-BA2 enclosure.

GFP-BB-RA. The GFP-BB-RA is a surface-mount enclosure designed for the ACM-30 annunciator. Can be used for new or retrofit applications.

BB-100. Backbox for batteries and power supplies. The BB-100 mounts up to two 100 AH batteries and power supply, if needed. 30" (76.20 cm) wide x 25" (63.50 cm) high x 7.5" (19.05 cm) deep; depth includes door.

SEISKIT-GFP-A. Seismic mounting bracket for seismic certified applications with GFP-A/AR enclosure.

CLSS GATEWAY AND LICENSABLE FEATURES

HON-CGW-MBB. CLSS Gateway, pre-installed in a cabinet. See HON-62034.

Licensable features: Individually purchased and downloaded to a specific panel.

GFP-GZ50. General Zone expansion. Adds 50 general zones to an GFP panel (maximum 2000 zones).

GFP-GZN. General Zone expansion. Adds 250 general zones to an GFPpanel (maximum 2000 zones).

GFP-LGZ50. Logic Zone expansion. Adds 50 logic zones to an GFP panel (maximum 2000 zones).

GFP-LGZ. Logic Zone expansion. Adds 250 logic zones to an GFP panel (maximum 2000 zones).

GFP-AREL. Adds first 10 Agent Releasing Zones (Only 1 Per Panel).

GFP-WREL. Adds first 10 Water Releasing Zones (Only 1 Per Panel).

GFP-ADDAREL. Adds next 10 Agent Releasing Zones (Max 4 Per Panel).

GFP-ADDWREL. Adds next 10 Water Releasing Zones (Max 9 Per Panel).

GFP-UZC. Universal Zone Coding, enables UZC for an GFP panel.

GFP-CAC. Custom Action Button expansion. Adds 8 custom action buttons to an GFP panel (maximum 32 buttons).

GFP-CLIP. Enables CLIP mode on an GFP panel.

GFP-FSAE-10. Fire Services Access Elevator. Adds support for 10 FSAE type code devices.

GFP-FSAE-20. Fire Services Access Elevator. Adds support for 20 FSAE type code devices.

GFP-VP10. Virtual Points. Adds 10 Virtual points per license.

GFP-SCZ1. Smoke Control Zones. Adds 1 smoke control zone.

GFP-SCZ5. Smoke Control Zones. Adds 5 smoke control zones.

GFP-SCZ10. Smoke Control Zones. Adds 10 smoke control zones.

GFP-SCA1. Smoke Control Appliances. Adds 1 smoke control Appliance.

GFP-SCA10. Smoke Control Appliances. Adds 10 smoke control Appliance.

GFP-SCA25. Smoke Control Appliances. Adds 25 smoke control Appliance.

GFP-SCA100. Smoke Control Appliances. Adds 100 smoke control Appliance.

GFP-SCA230. Smoke Control Appliances. Adds 230 smoke control Appliance.

GFP-SCB1. Smoke Control Bundles. Adds 1 SC zone + 10 SC Appliances.

GFP-SCB5. Smoke Control Bundles. Adds 5 SC zone + 50 SC Appliances.

GFP-SCB10. Smoke Control Bundles. Adds 10 SC zone + 100 SC Appliances.

Note: *For other options, refer to the panel's installation manual, the SLC manual, and the Device Compatibility Document.*

COMMUNICATORS

HON-DACT-DS. Darksite Dialer, pre-installed in a cabinet. (See HON-62180.)

32351718-001. NUP Serial (RS232) Cable 10" Kit for GFP

50160636-001. Kit with 30" NUP Cable and GFP Lock and Key Set

MCBL-7. DACT phone cord, 7 ft (2.13 m) long (two required)

CCM2-AV-HON. LTE Dual SIM (Multi-carrier support including Verizon, AT&T and T-Mobile) Cellular Communication Module for US, includes antenna (See HON-62183)

CCM2-ANTKIT-EXT2. Optional Diversity/Secondary Antenna Kit for Dual SIM Cell Module

CCM2-ANTKIT-OUT25. Optional Outdoor antenna kit with 25' cable for Dual SIM Cell Module

CCM2-ANTKIT-OUT50. Optional Outdoor antenna kit with 50' cable for Dual SIM Cell Module

HWF2A-COM. LTE/IP Dialer Capture Alarm Communicator

HWF2V-COM. LTE/IP Dialer Capture Alarm Communicator

HW-TG7LAF02. LTE Dialer Capture Alarm Communicator

HW-TG7LVF02. LTE Dialer Capture Alarm Communicator

SYSTEM CAPACITY

- Intelligent Signaling Line Circuits
- GFP-A.....1 expandable to 2
- GFP-AR..... 1 expandable to 2
- Intelligent detectors.....159 per loop on Velociti Protocol
- Addressable monitor/control modules.....159 per loop on Velociti Protocol
- Remote Displays..... up to 10 GFP-RLDs per GFP

AGENCY LISTINGS AND APPROVALS

The file number(s) below reference the specific listings for the modules in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult Gamewell-FCI for latest listing status.

- **UL Listed:** S1949
- **FM Approved:** FM26US0098
- **CSFM:** 7165-1703:0512
- **FDNY Approved**
- **Certified for Seismic applications in accordance with IBC 2024:** VMA-45894-02C
- **OSHPD Approved**

STANDARDS AND CODES

The GFP Series complies with the following UL Standards and must be installed per applicable NFPA 72, International Building Code (IBC) and California Building Code (CBC):

- **UL 864,** 10th edition (Control Units and Accessories for Fire Alarm Systems).
- **UL 2017** (General-Purpose Signaling Devices and Systems)
- Should be installed as per **NFPA 72** National Fire Protection Association

UL Type Service

- **LOCAL** (Automatic, Manual, Waterflow, Sprinkler Supervisory)
- **RELEASING** (Automatic, Manual, Waterflow, Sprinkler Supervisory)
- **AUXILIARY** (Connection to M34 Series Master box) (Requires TM-8
- **REMOTE STATION** (Automatic, Manual, Waterflow, Sprinkler Supervisory, CO) (requires TM-8)
- **PROPRIETARY** (Automatic, Manual, Waterflow, Sprinkler Supervisory, CO) (Requires HON-CGW-MB or HON-DACT-DS)
- **CENTRAL STATION** (Automatic, Manual, Waterflow, Sprinkler Supervisory, CO) (Requires HON-CGW-MB or HON-DACT-DS)
- **EMERGENCY SIGNALING** (Automatic, Manual) (Requires HONCGW-MB or HON-DACT-DS)
- **IBC 2024** (Seismic) CBC 2022 (Seismic)

Note: *Install in accordance with the UL and NFPA standards specified in panel documentation.*

GFP-A/AR TECHNICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Primary Input Power

- PMB: 120VAC 50/60 Hz 2.5A, 240VAC 50/60 Hz, 1.25A

DC Output

- 24VDC aux output 1: 24VDC, 2.0 A
- 24VDC aux output 2: 24VDC, 2.0 A

Current Draw (Standby/Alarm)

- CPU: 0.116 A (Standby), 0.116 A (Alarm)
- Main Display: 0.153 A (Standby), 0.163 A (Alarm)
- ACM-30: 0.083 A (Standby), 0.093 A (Alarm)
- SLM-318: 0.159 A (Standby), 0.210 A (Alarm)
- TM-8: 0.081 A (Standby), 0.189 A (Alarm)
- LDM2-32: 0.023 A (Standby), 0.050 A (Alarm)
- LDM2-60: 0.023 A (Standby), 0.051 A (Alarm)
- RLD (RLD2-PCA)

  Back light Set in Range of 1% - 50%
  0.160 A (Standby, Normal Mode)
  0.165 A (Alarm)

  Back light Set in Range of 51% - 100%
  0.221 A (Standby, Normal Mode)
  0.235 A (Alarm)

Battery Charger Range: 7AH-100AH. Use separate cabinet for batteries over 26 AH.

Charging Current: 1A, 2A, 4.25A, and 5.55A

Float Rate: 27.6 V.

PHYSICAL SPECIFICATIONS

GFP Shipping Weight: 35 lb

GFP Backbox dimensions: 19.12" H x 18.12" W x 5.47" D
(48.6 cm h x 46 cm W x 13.9 cm D)

Temperature and humidity ranges: This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (non condensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

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Country of origin: USA

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