

# LUNAR + FireGrid

Connectivity. Simplified Safety.  
Data Driven Insights.



MSA introduces LUNAR + FireGrid—new-to-world technology combining F.A.S.T. Technology, Edge Detection enhanced thermal imaging, and connectivity to provide a revolutionizing “all-in-one” personal accountability safety solution.

There is no substitute for tactical training and solid SOPs. Pairing tools and experiences with a plan unlock confidence and undeniable safety. Imagine a tool that is useful on a good day when everything is going smooth, and a tool that helps make the save on the worst day. LUNAR is the perfect compliment to training, experience, and intuition, to aid in navigating on-scene uncertainty and achieving peace of mind for the entire crew.

## Connectivity

LUNAR has three methods of connectivity keeping the entire crew and all the products in the Connected Firefighter platform connected: LTE, LUNAR-to-LUNAR network, and Bluetooth. LTE keeps real-time data streaming to Local Incident Command and personnel remotely monitoring the scene. The LUNAR-to-LUNAR network is the independent and always active search and rescue network which extends beyond one team and connects them to other crews in the vicinity for unified search during a time of mutual aid. The embedded Bluetooth technology connects LUNAR to the G1 SCBA and ALTAIR Gas Detectors to build on the platform of the future by including air and gas detection status for a complete safety point of view.

## Simplified Safety

LUNAR is intuitive and a simplified safety solution. It's wireless, cloud ready, equipped with thermal imaging, and supports collaborative search. Being a wireless personal accountability device, the team will always have their safety with them. It's about being as prepared as possible for the unpredictable. We know that call types vary: structural, vehicle, hazmat, medical, etc. Having a tool that has an embedded motion alarm and is wireless means accountability for all regardless of the scene or being on or off air.

LUNAR's direct cloud connection makes it “jump off the truck” and go. No need to set up additional equipment or have additional staffing if not available. Once LUNARs are turned on, they are connected and communicating with each other and Command while connected to a cellular network. The team now has the information and tool to act quickly and with more complete info.

Personal thermal imaging is simple, yet strategic—it's no surprise that personally issued thermal imagers are becoming the norm. It's preventative in helping to eliminate the possibility of disorientation or lack of situational awareness. LUNAR is a small-format thermal imager with the exclusive thermal palette: Edge Detection. When there is a temperature difference, it highlights that area with a bright green highlight. This aids in improving situational awareness, but more specifically for identifying areas of interest such as windows, doors, people, and means of egress. It's proactive navigation of hotspots and enhanced situational awareness, and it's right in your hand.

If there is ever a time where efficiency matters, a mayday is probably one of them. LUNAR provides instant notification that there is a downed crew member, allowing for un-spoken communication and the tool to assist in rescuing them in the absence of Incident Command or other forms of communication, such as radios.

During a rescue mission, LUNAR can be used internal and external to the structure using our F.A.S.T. Technology. Using it externally can lead to identifying the best entry point, while using it internally can help to eliminate rooms and floors quickly to reduce search time using the distance and directional feedback being provided. This is the concept of Collaborative Search.

**WHEN YOU GO IN, WE GO IN WITH YOU.**



# firegrid



## Accessibility. Informed Decisions. Efficient Action.

LUNAR in conjunction with FireGrid enables real-time stats to be delivered as soon as the crew jumps off the truck—on-scene or remotely from anywhere in the world. This puts data at Incident Command’s fingertips and provides data to aid in business intelligence and predictive behavior. Not only is the data at Incident Command’s fingertips, it’s also in the cloud. FireGrid’s suite of applications support data driven insights impacting today and tomorrow’s decisions: FireGrid Monitor, FireGrid Configure, and FireGrid Web-Based Platform.

With the use of MSA’s tablet-based local monitoring application FireGrid Monitor, Incident Command has visibility into device and incident data and has control in the palm of their hand using PAR Check or evacuation to further ensure the safety of the entire team. FireGrid Monitor provides real-time information on estimated time remaining and air pressure, and presents it in a simplified drag and drop format. This same information is view-only using our Remote Monitoring capability, which is accessible from anywhere in the world with an internet connection—even for multiple scenes.

Easily personalize, configure, and update multiple devices with FireGrid Configure, the mobile phone application. Create shareable personalization profiles and configuration settings, and experience simplified over-the-air updates and the ability to retrieve data logs via the web-based platform.

Although data collection and transparency are crucial during an active scene, they are equally important after. LUNAR automatically sends on-scene LUNAR data to the cloud for efficient post-scene processing and report generation, giving insight into fire ground operations and incidents. Using FireGrid’s web-based platform, equip your Maintenance Managers and Training Officers with the information and historical data they need for preventative maintenance and personnel injury prevention. Experience simplified inventory management and the data value growing over time—days, months, and years of insights driving informed decisions.

*Do you have a plan to ensure those mayday calls are heard and answered?*

LUNAR	
10214747	LUNAR, NNA
10214748	LUNAR, EU
10214749	LUNAR, UK
10214750	LUNAR, HK/SG
10214751	LUNAR, AS/NZS
Accessories	
10214756	Battery, Single Pack
10203941	Retractor Assembly, LUNAR
10214762	Rubber Boot Replacement
10214763	Swivel Quick Disconnect

Single-Point Charger	
10214758	Single-Point Charger, NNA
10214759	Single-Point Charger, EU
10214760	Single-Point Charger, UK
10214761	Single-Point Charger, AS/NZS
Multi-Bay Charger	
10214752	Multi-Bay Charger, NNA
10214753	Multi-Bay Charger, EU
10214754	Multi-Bay Charger, UK/HK/SG
10214755	Multi-Bay Charger, AS/NZS

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

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