

LockDown™ security pan with
integrated LightLOC™ tamper sensors

LEAVE NO HOLES IN YOUR SECURITY

Manhole intrusion protection system



TRUSTED AND DURABLE PROTECTION

LockDown™ security pan with integrated LightLOC™ tamper sensors offer a manhole security solution that protects against intrusion from below the ground. Controlling access to your facility, data or equipment includes the underground access points that often leave infrastructures vulnerable.

Our fiber optic LockDown system is a complete manhole security solution package in one consolidated unit. With integrated LightLOC tamper sensors that are able to withstand harsh environments and still detect intrusion, LockDown system will remain effective. Our sensors offer instant intrusion attempt detection combined with a robust physical delay to prevent unauthorized access. Installation is quick and operation is simple.

FIBER OPTIC VS. ELECTRIC

Fiber optic monitoring signals cannot be bypassed or blocked without triggering the alarm. They are capable of monitoring very long distances – up to 25+ km from monitoring stations. No electric power is needed at the sensor locations, no batteries to fail or wires to corrode. Fiber optics are able to continue functioning in harsh conditions, such as subterranean and submerged in water. Electric systems are susceptible to false alarms from environmental factors water, temperature, vibration, etc.



UNIVERSAL SMARTSWITCH SENSORS

Collins Universal SmartSwitch sensors are designed to withstand the two most common and most corrosive environments – high fertilizer runoff and marine conditions. SmartSwitch sensors can be attached to a continuous fiber line without splicing, making it stronger and longer-lasting. Maintenance on the system is very simple because a SmartSwitch sensor can be replaced in minutes without the need for special tools or fiber optic skills.

EXPERIENCE YOU CAN TRUST

We are a leader in innovative, state-of-the-art fiber optic based security solutions. With over 50 million hours of total optical sensor operation since 2005, we have proven technology and a patented design of both sensors and optical monitoring equipment. Our trusted products have had numerous successful installations throughout the U.S. and overseas.

LightLOC overview

Collins patented manhole sensor with an integrated locking pan provides optimum perimeter and access security. The system provides monitoring of remote access points and perimeters using a family of sensors and cables. Monitored items can include manholes, gates, doors, underground pathways, and custom applications. Monitoring is possible at distances of up to 25+ km without the need for electrical power at the monitored locations. The robustness of the system eliminates false alarms commonly seen with other fiber-based security systems. Our systems are inherently tamper resistant since altering or destroying optical components triggers alarms automatically.



To learn more, go to
→ collinsaerospace.com

Collins Aerospace

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