

2013



# ATEX ZONE 0 CAMERA & LED

Bringing technology beyond physical borders

Gerotto Federico S.r.l. has launched a new product composed by Camera & Led for ATEX zone 0 and Monitor for ATEX zone 1. This system is particularly recommended for confined spaces and suspected of pollution and explosion areas: in all of those places where man presence is strictly forbidden.

**GEROTTO FEDERICO  
S.r.l.**

Via Croce 26, 35011 Campodarsego  
(PD)-Italy

Tel. +39 049 556 44 22

Fax +39 049 556 47 84

[www.gerotto.it](http://www.gerotto.it)

[www.suction-excavator.com](http://www.suction-excavator.com)



Figure 1: Camera & Led ATEX zone 0 and Monitor ATEX zone 1 combined with Lombrico R



## ATEX ZONE 0 CAMERA & LED

Gerotto Federico S.r.l. has now launched a new product to get into those environments with high explosion risk. System is composed by Camera & Led certified ATEX zone 0 and Monitor certified ATEX zone 1.

Camera and Led are intrinsically safe and avoid any kind of sparks or overheating situation.

Led illuminates hazardous areas and Camera transmits real-time video to a monitor through a safe cable system that avoids any risk of explosion.

Monitor could be certified ATEX or not depending on where it is placed.

### CAMERA FEATURES

- Color picture
- High sensitivity, day/night mode
- Tolerate any methane concentrations
- Coaxial cable
- Connection & single mode/multimode fiber-optic
- AUTO-IRIS
- -10/+40°C Operating temperature

### LED FEATURES

- IP 65 degrees of safe enclosure
- Simple installation
- Reducing consumption if power emergency occurs
- Tolerate any methane concentrations
- Different light colors and light angles
- -25/+50°C operating temperature



Figure 2: ATEX zone 0 Camera & Led and Monitor ATEX zone 1



Figure 3: System Details

## OPERATING PRINCIPLES

