



Rugged CCTV System

CSL RUGICAM - Product Brief



Intrinsically Safe !!

Description

The CSL RUGICAM is an **Intrinsically Safe (IS)** Camera and LCD monitoring system. It is designed and manufactured for use in harsh mining and tunnelling environments, including Hazardous Areas such as underground coal mines.

Application - **Mining and Tunnelling** - Road Headers, Continuous Miners, Locomotives.....

It features advanced technology that provides quality full colour video pictures from one or two miniature cameras, these can be switched manually or automatically (e.g:- when vehicle is reversing). Each camera is connected to the main LCD display unit with a single cable that powers the camera from the display end and returns the video signal back to the display screen.

Ideal for applications needing a compact size in harsh environments, e.g:- In mining and tunnelling when fitted to Free Steered Vehicles (FSVs) gives the driver better visibility of what were previously blind spots both in front and at the rear of the vehicle, especially when large loads are being transported, enhancing the health and safety of the workforce.

Features

CAMERA (Part No. RUGICAM-CCD)

- Ex ia I Ma (M1 mining). Ta = -40°C to +70°C
- Intrinsically Safe ATEX / IECEx Certification conforming to EN60079-0, EN60079-11
- Compact Size Using Advanced Miniature Technology
- 1/3-inch Sony Colour CCD Image Sensor
- 0.5 lux Sensitivity for Low Light Operation
- Wide Angle Lens for 160° View
- Low Power 12VDC Intrinsically Safe Supply
- Power and Video over a Single Cable
- Plug/Socket connection for easy installation and maintenance
- Housed in a Rugged Stainless Steel IP66 Rated Enclosure

LCD DISPLAY (Part No. RUGICAM-LCD)

- Ex ia I Ma (M1 mining). Ta = -40°C to +70°C
- Intrinsically Safe ATEX / IECEx Certification conforming to EN60079-0, EN60079-11
- Compact 4-inch Colour TFT LCD Display with White LED Backlight
- Accepts Connection of 1 or 2 Cameras - Switch Selectable
- Plug/Socket connection for easy installation and maintenance
- Camera Inputs Configurable for 'Normal' or 'Mirror' View - Front or Rear Camera
- Provides 12VDC Power to the Camera via the same Cable as Video Signal
- Low Power 12VDC Intrinsically Safe Supply
- Housed in a Rugged Stainless Steel IP66 Rated Enclosure

Controlled Systems Limited

Ryder Close, Swadlincote, Derbyshire, DE11 9EU. England.

TEL: +44(0)1283 216231 / FAX: +44(0)1283 552937 / sales@controlledsystemsLtd.co.uk