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SENSE | MONITOR | CONTROL

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Technical data
MTL industrial network solutions

July 2018
EPS MTL RugiCAM-IP MK 2 Rev A

CROUSE-HINDS
SERIES

MTL RugiCam-IP Mk 2
Intrinsically Safe
HD network Camera

- Intrinsically Safe ATEX / IECEx / QLD Certification
- Ex ia I Ma (M1 mining). Ex ia IIB T4 Ga; Ex ia IIIC T 135°C Da (non-mining) Ta = -40°C to +60°C
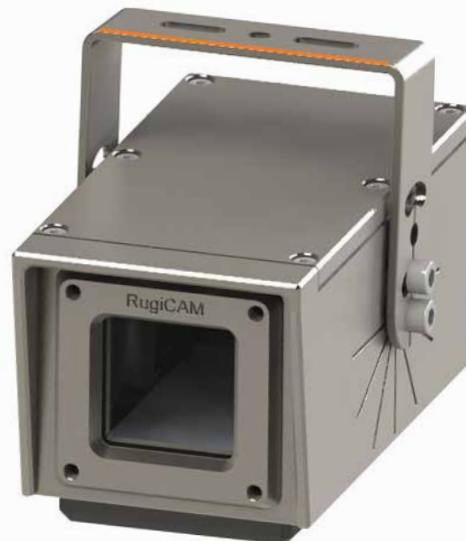
FEATURES:

- Resolution 1920x1080, 1290x720 (main) + D1, VGA, CIF (sub-stream)

- 1/2.8" SONY Back-Illuminated CMOS Starlight Technology Sensor + HS3516D DSP

- Min. illumination 0.001Lux + Wide Dynamic Range (WDR)

- Mega-Pixel 4mm f1.6 IR Lens

- H.264 + H.265 Server, MJPEG and Adjustable Frame Rate - Controls Network Bandwidth Usage (30fps max)

- 10/100 IS Ethernet LAN Interface supports upto 100m Cat5e Connection

- Wi-Fi supporting 802.11 b/g/n standards at up to 150Mbps – with integral antenna 'Puck' design

- LED indication (on rear) – Power / LAN / WLAN

- ONVIF 2.4

- Backup and Restore of Configuration Settings

Features Continued:

- 12VDC IS Power Supply Input or PoExTM (Power over IS Ethernet)

- Rugged IP66 rated polished 316 Stainless Steel Enclosure suitable for harsh environments

- Compact dimensions (W:87xH:79xD:165mm)

- Plug & Socket Connections - shortens installation time

The **MTL RugiCAM-IP MK2** is an Intrinsically Safe (IS) Network Camera ideally suited to Group I Mining applications.

It connects directly to compatible IS Ethernet Systems via a wired LAN cable or Wi-Fi (both work concurrently). The small, rugged and cost effective design makes it the ideal choice for many applications:

Petrochem - Drill Rigs, Process Monitoring, Remote Safety Inspections, Hazardous Zone Security….

Mining - Conveyor Transfer Points, Bunkers, Fan Sites, Face Roof Supports (Chocks/ Shields)….

The **MTL RugiCAM-IP MK2** is a improved version of the popular MK1 model. It features Full HD 1080P resolution and supports video streaming via the H.264 or H.265 compression standards and/or Motion JPEG with frame rate selectable to reduce network bandwidth. All configuration is by a standard web browser or ONVIF compliant tool (settings can be backed up and restored to file).

The camera body is manufactured from high quality polished **316 stainless steel** to suit harsh Group I Mining applications. A 6mm thick toughened glass window provides optimal protection in the harsh environment.

As well as adding H.265 compression and MJPEG support this new MK2 version also features an enhanced low-light image sensor with wide dynamic range ideal for underground use. The Wi-Fi antenna is integrated into a 'Puck' design on the bottom of the enclosure to improve on the ruggedness of the MK1 external antenna connector arrangement