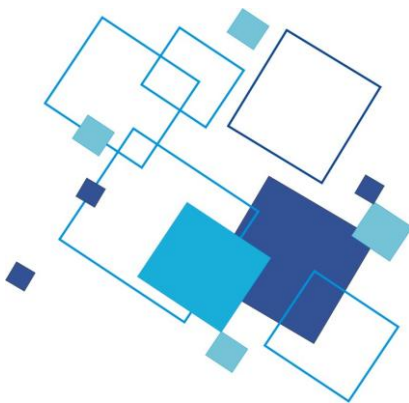
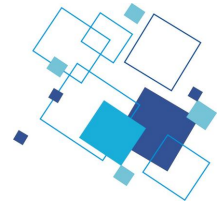
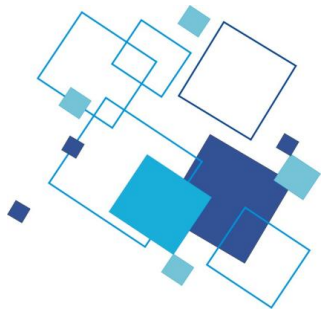


MINING CAMERA KG-1, KG-1z



Catalogue card



DESCRIPTION

Mining camera in KG-1, KG-1 versions and KG-1(z) with a floodlight is a stationary device designed to monitor underground areas and mining excavations at risk of explosion.

The camera transmits the image to the mining monitors and to the mine surface, where the camera view can be viewed live, saved and processed. Video image is compressed and available via TCP/IP protocol in 100BASE-FX fiber or cable 100BASE-TX. The maximum video stream resolution is 1920x1080 pixels.

Mining camera KG-1(z) is a device of category M1 and 2G, so it can be used in all underground mines with possible methane or coal dust explosion hazard. The device can also work in hazardous areas outside mining (in industry).

In addition, both types of cameras (KG-1, KG-1z) are available in the following configurations:

- digital camera, working in HD (max. 1920 x 1080 pixels)
- with a fixed lens or a factory-set zoom
- fiber optic interface or cable (RJ45) interface
- with or without a floodlight.

TECHNICAL SPECIFICATIONS

Mining camera KG-1, KG-1z	
Power supply	Un = 12÷15V DC In ≤ 0,8A
Working temperature	from -20 °C to + 50°C
External dimensions	230 x 75 x 100 mm without sling
Weight	about 2,2 kg
Casing internal protection	IP65
Standard transmission LAN (fiber or cable):	100 Mbps (100BASE-FX or 100BASE-TX); TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP, ONVIF
Sensitivity	0,001 Lux/F1.2
Resolution and video stream or analog signal parameters	1920x1080, 1280x720, 704x576, 640x480, 320x240; 32KB – 16Mbps, VBR, CBR, H.264, H.265, H.265+, MJPEG

EXPLOSION-PROOF MARK

⊕ I M1 Ex ia op is I Ma, I M1 Ex ia op is I Ma ⊕ II 2G Ex ia op is IIB T4 Gb, II 2G Ex ia op is IIA T4 Gb

EC type examination certificate: TEST 14 ATEX 0080X



View from a camera at the bottom of the mine