

# Explosion proofed IP cameras



- Explosion and compression proofed shielded enclosure
- ATEX- approval for gas and dusts (Zone 1, 2, 21 and 22)
- Modern, digital cameras (CMOS)
- Screen transmission per Ethernet / LWL without special wiring
- Mono- or Dual-Version available



## Explosion proofed IP camera systems

Due to escaping dusts and gases, dangerous and explosive atmospheres can be generated in chemical and petrochemical industries, in sewage technology as well as in mills, silos or sugar and animal feed factories. Electrical equipment in those explosive environments is subject to high security regulations.

uniserve offers optimal solutions for this highly sensible market segment with the help of its explosion-proofed camera systems. All common MOBOTIX-cameras of the type M15 and D25 can be installed in the explosion- and compression proofed enclosure with encapsulated screwing. The cameras are successfully used on drilling platforms and refineries, chemical facilities, clarification plants and biogas factories.

## Technical Data protective casing

- Explosion and compression proofed enclosed casing, ATEX-certified II 2GD EEx d IIC T6 IP66 T 85°
- Material: copper-free aluminium, suitable for offshore
- Protection: IP 66
- Supply: industrial Ethernet Cat. 7 (possible until 80 m)
- Resistant against oil, gasoline, acids, bases, UV-radiation; excellent abrasion resistance; temperatures from -20° C to + 60° C
- Cabel glands: brass screwing II 2GD EEx d IIC / EEx e II
- Junction box: IP 54, integrated power supply, patchports RJ 45, accessible without tools
- Fixing: fixing plates at the edges of the casing
- Audio functions (microphone) not possible

Model:	Mono	Dual
Dimensions:	150 x 150 x 125 mm	233 x 233 x 165 mm
Viewing glass Ø:	90 mm	140 mm
Netto weight:	3 kg	8 kg

**uniserve**<sup>®</sup>  
internet.security.vision

Enster Straße 9 • D-59872 Meschede  
Telefon +49 (0) 2 91 / 2 00 45-0  
Telefax +49 (0) 2 91 / 2 00 45-15  
service@uniserve.de  
www.uniserve.de