

## Explosion proofed IP cameras



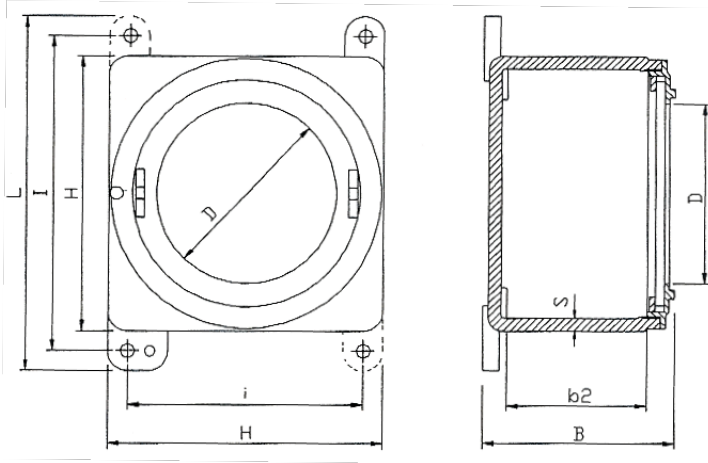
- Explosion and compression proofed shielded enclosure
- ATEX- approval for gas and dusts (Zone 1, 2, 21 and 22)
- Modern, digital cameras (CMOS)  
Screen transmission per Ethernet / LWL without special wiring
- Mono- or Dual-Version available

### ▪ Description

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 M1X and D2X 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.

■ **Dimension**

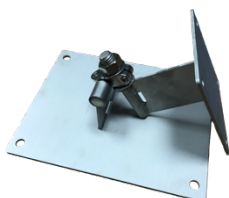


Art-nr.	Type	Dimension [mm]								Weight
		B	b2	D	H	I	i	L	S	
13503	EX-D2X	124	81	90	150	174	126	198	12	2,9 kg
13502	EX-M1X	152	104	140	233	267	196	302	12	7,1 kg

■ **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

■ **Accessories**



Wall bracket / Fastening system  
(Art-nr. 13512/13513)

■ **Contact**

uniserve® GmbH  
Enster Straße 9  
D-59872 Meschede

Tel.: +49 291 20045-0  
service@uniserve.de  
www.uniserve.de

Version 1.1, 11.03.2021  
Changes and errors excepted. Illustrations similar