NivuCam
Compact Full HD camera and explosion-protected
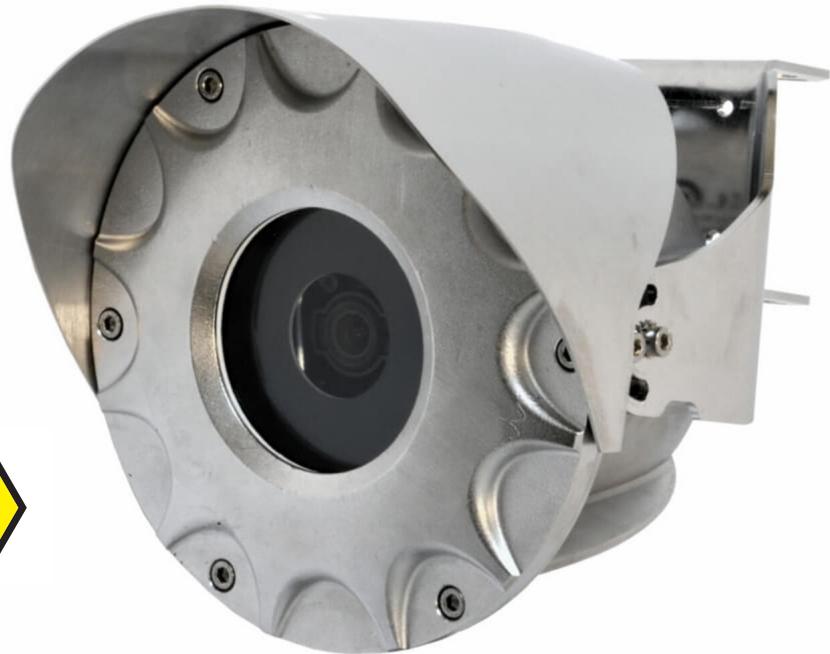
The explosion protected NivuCam full HD camera is ideally suitable for efficient video monitoring and process control in dangerous environments with flammable gases or explosive atmospheres due to dust: a typical situation in industrial applications or in the water industry sector.

The full HD camera, 1080p, with 3x motor zoom, provides multiple video streams in H.264/AVC, MJPEG, JPEG, MPEG4 with excellent picture quality.

Therefore, every detail of scenes can be identified even under very difficult ambient conditions.

Camera images (IP camera) are directly indicated in the process visualisation and are requested by clicking or changing process values. Event-triggered recordings with subsequent documentation within the report can be implemented just as e.g. real-time monitoring of outpost stations.

The enclosure is fully made of stainless steel 1.4404 and therefore completely corrosion-proof. Compact dimensions (116 mm) and low weight (6.5 kg) enable installation even in confined spaces.

Benefits

• Ex Approval
• Protection classes IP66, IP67, IP68 and IP69
• Includes materials for installation on ceilings, walls or handrails
• Full HD resolution 1080p
• 3x motor zoom
• Enclosure made of stainless steel

Technical Specifications

Camera	Camera day/night 3x zoom, full HD
Power supply	24 V DC/24 V AC, PoE+
Connections	Cable clamp Ex d 1/2" NPT and armoured cable 10 m
Video output	IP H.264/AVC, protocol ONVIF profile S and profile Q
Ex Approval	Zone 1 and 2
Certification temperature	-40°C to +70°C
Protection	IP66/ IP67/ IP68/ IP69
Enclosure	Stainless steel 1.4404 (AISI 316L)
Protocol	TCP/IP
Peso	6,5kg

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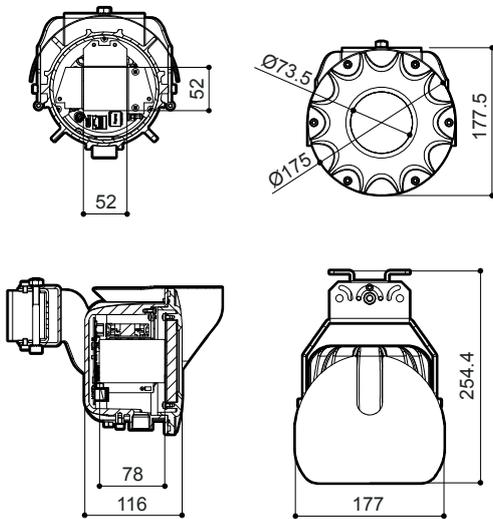
Dimensions in mm

Alerting
• SMS
• Email

Process visualisation with camera image

NICOS

Connection to higher process conducting system

Security
• VPN
• Firewall
• IPsec

GPRS, UMTS, LAN, WAN

Integrated control

NivuLink Control

Pumps, drives etc.

Transmitter

PHOENIX CONTACT WAGO
SIEMENS VIPA
BECKHOFF

PLC

Sensor systems

Pumps, drives etc.

Sensor systems