

PELCO®

**Supercharge
oil and gas
security.**



Oil & gas solutions

Oil and gas areas

Upstream, midstream and downstream installations

The oil and gas industry faces complex logistical and technological challenges in establishing comprehensive video security. These challenges include covering expansive areas, withstanding harsh environmental conditions, complying with stringent requirements and integrating with existing infrastructure. With vast and often remote operational environments, the industry must address unique security concerns to protect critical infrastructure, personnel and assets. From offshore platforms to refineries and pipelines, maintaining robust and reliable video security becomes essential for deterring theft, vandalism, sabotage and ensuring compliance with safety regulations.

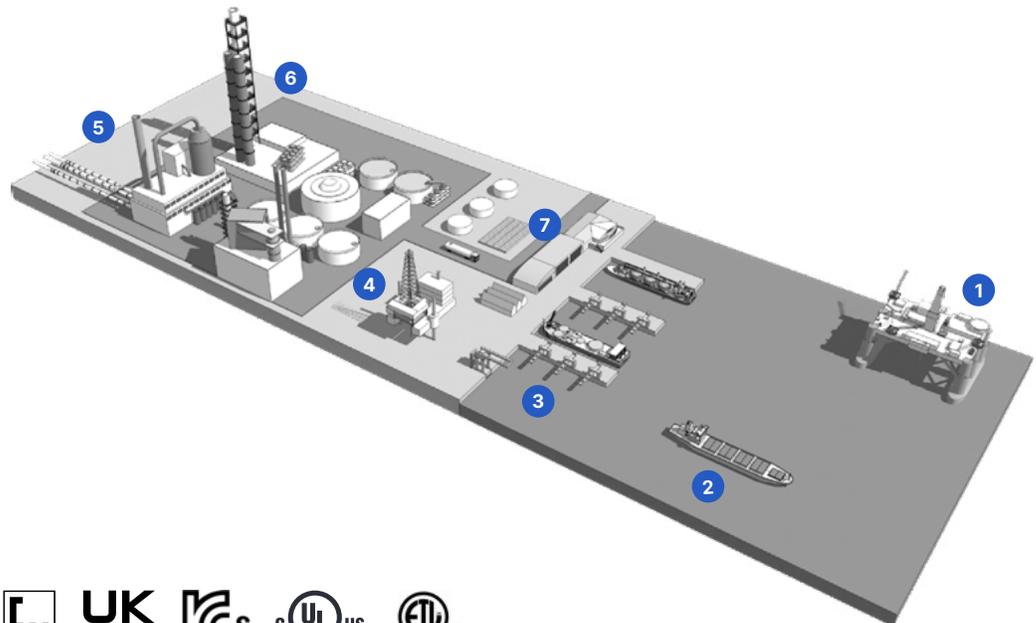
Pelco offers advanced, well-researched technical features for security cameras that operate in the oil and gas industries. Our explosion-proof products offer an extensive portfolio of international certificates, obtained through hundreds of validation tests to guarantee their compliance with the standards for installation in potentially explosive environments, given the presence of gas and flammable dust.

Our high-quality cameras use the best quality components and state-of-the-art materials, which leaves no doubt about their exceptional robustness, reliability and performance.

BUSINESS SEGMENTS

- Oil & gas platforms
- Oil & gas drilling rigs
- Oil tankers
- Refineries and petroleum terminals
- Pipelines
- Industrial marine environments
- Military systems
- Chemical/pharmaceutical industries
- Other industrial installations
- Food processing
- Ship docking

- 1 Oil & gas platforms
- 2 Oil & gas tankers
- 3 Ship docking
- 4 Drilling rigs
- 5 Pipelines
- 6 Industrial plants
- 7 Terminal



Smart Analytics

Smarter cameras for quicker, better decision-making

Our intelligent video analytics technology delivers high accuracy in the detection and classification of both people and vehicles, helping you understand what is happening on your site faster. Pelco explosion-proof cameras are designed with Smart Analytics to provide exceptional situational awareness and help make effective decisions for enhanced security.

OBJECT CLASSIFICATION

Recognize people and vehicles that are stationary or moving

CAMERA CONFIGURATION TOOL (CCT)

Set up your smart video analytics in minutes with CCT without any additional licensing

INCIDENT MANAGEMENT

Capture data to classify and audit incidents involving vehicles and people

BEHAVIOR DETECTION

Receive notifications to mitigate risks before events become critical situations

OCCUPANCY COUNTING

Receive alerts of the specified number of objects that have crossed directional beam

AUTO-TRACKING

Leverage PTZ cameras with auto-tracking and let the camera automatically follow a moving target

ONVIF conformant for seamless integrations

Pelco cameras are ONVIF Profile S, G, T and M conformant, meaning that our cameras can seamlessly work with any ONVIF conformant video management software (VMS) to offer superior interoperability and collaboration between multiple environments. This integration allows for third-party VMS to automatically generate events in response to specific triggers, enhancing situational awareness and facilitating rapid decision-making.



Elevate

Expect more from your camera

Unlock new capabilities and take your Pelco cameras to their fullest potential by connecting them to Elevate, Pelco's direct camera-to-cloud technology. Elevate makes your Pelco cameras more powerful, providing exceptional performance and detection accuracy to maximize efficiency. Through robust hybrid analytics, Elevate delivers real-time alerts to your video management system via ONVIF-conformant events, so you can make informed decisions and create a safer environment.

Elevate is embedded in Pelco cameras,¹ does not require any additional hardware and can be set up within seconds.

Connect your cameras to Elevate today and take advantage of your camera's full potential.

Easy camera maintenance

(free during your Pelco camera's warranty period)

DASHBOARD

Get a comprehensive overview of your Pelco cameras with a dashboard providing a single view of connection, firmware and warranty status.

AUTOMATIC CAMERA UPDATES

Protect your organization from cyber threats and reduce the need for manual maintenance with automatic firmware updates across your cameras.

IMAGE HEALTH

Streamline camera view assessments and eliminate manual checks with daily reports of camera view changes. Image Health supports multiple locations, enabling a single report to include cameras installed anywhere worldwide to optimize efficiency.

UNIFIED SITE MANAGEMENT

Easily scale security systems by connecting multiple sites to a single account and hierarchically organize your cameras and sites. Delegate site management to a trusted third party that can access all cameras and insights within a consolidated view.

Detect more with your Pelco cameras

(free trial available)

PERSONAL PROTECTIVE EQUIPMENT (PPE) DETECTION

Help ensure worker safety and regulatory compliance with real-time PPE detection. Automatically detect missing or incorrect PPE usage, including high-vis jackets and hard hats, to prevent potential worker injuries and costly fines.

VISIBLE FIREARM DETECTION

Swiftly detect and alert security teams of brandished firearms entering a scene. Operators can verify the event and triage response within seconds, enhancing safety in all environments.

¹ Requires firmware version 4.84 or above.



Wide Portfolio

**Pelco's specialty cameras meet every challenge
within the oil and gas industry**

ExSite Enhanced 2 Series

The Pelco ExSite Enhanced 2 Series cameras are purpose-built to monitor and control operations in hazardous locations with risks of explosion due to the presence of flammable liquids, gases or dust. These heavy-duty cameras ensure optimal protection within the harshest environments, including highly-corrosive conditions, with stringent global certifications and top-of-the-line camera images. Available in IR PTZ, PTZ, fixed, thermal fixed and compact.



EXSITE ENHANCED IR 2 SERIES PTZ

Heavy-duty PTZ camera with built-in IR illuminator to track movements in wide and dark hazardous areas.



EXSITE ENHANCED 2 SERIES PTZ

Heavy-duty PTZ camera to track movements in wide hazardous areas, even in challenging lighting conditions.



EXSITE ENHANCED BISPECTRAL 2 SERIES PTZ

Bispectral camera system with visual and thermal imaging for enhanced detection and identification in most conditions.



EXSITE ENHANCED 2 SERIES FIXED

Heavy-duty bullet camera for targeted hazardous locations, such as entry/exit points.



EXSITE ENHANCED 2 SERIES COMPACT

Compact camera for small hazardous areas, such as manufacturing lines or shipping dock.



EXSITE ENHANCED THERMAL 2 SERIES FIXED

Thermal bullet camera to detect targets and hazardous situations in most conditions.

ExSite Pro Series

The Pelco ExSite Pro cameras are built to survive in tough conditions. The cameras capture excellent imaging to gather evidence in hazardous environments, such as oil and gas industries. These cameras offer a cost-effective alternative for non-corrosive areas with fewer regulatory and environmental constraints. Available in IR PTZ, PTZ and bullet.



EXSITE PRO IR PTZ

PTZ camera with built-in IR illuminator and lightweight aluminum housing to track movements in wide and dark hazardous areas.



EXSITE PRO PTZ

PTZ camera with lightweight aluminum housing to track movements in wide hazardous areas.



EXSITE PRO BULLET

Bullet camera to detect targets in targeted areas and perimeters.

Accessories

Discover Pelco's wide range of explosion-protected accessories to complement to security systems. Choose from housings, illuminators, washing systems, cables and more.



[LEARN MORE](#)

ExSite Enhanced IR 2 Series PTZ

See in total darkness or blinding light within hazardous environments

The ExSite Enhanced IR 2 Series PTZ is an explosion-proof PTZ camera with built-in IR illumination, providing exceptional situational awareness with 360° views for extensive coverage. The dual-headed camera captures clear images even in complete darkness and at varying zoom levels. Crafted using robust stainless steel, the ExSite Enhanced IR 2 Series PTZ guarantees optimal durability and resilience in harsh and corrosive environments.

IMAGE PERFORMANCE

Type of camera	Day/night PTZ
Resolution	2 MP
Optical zoom	Up to 30x
Dynamic range	Up to 120 dB
Image rate	Up to 60 fps
IR illumination	Yes, up to 200m
Electronic image stabilization	Yes

ENVIRONMENT

Operating temperature	-40° to 60°C (-40° to 140°F)
Environment rating	IP66/67/68/69, NEMA type 4X and type 6P
Wind resistance	Pan and tilt operational at a maximum of 210 km/h wind (130.5 mph)

SOFTWARE AND ANALYTICS

ONVIF conformance	Profile S, T, G, M
Video compression	H.264 and H.265 Pelco Smart Compression, Motion JPEG
Pelco Smart Analytics	Yes
Elevate-enabled	Yes

MECHANICAL

Dimensions (LxWxH)	453 mm x 232 mm x 398 mm (17.83" x 9.13" x 15.7")
Weight	35 kg; 77 lbs
Construction	AISI 316L stainless steel, electro-polished surface

HAZARDOUS LOCATIONS

Zone 1 and 2, Group IIC for gas, Zone 21 and 22, Group IIIC for dust, Certification temperature -40°C/+70°C

Class I and II, division 2, Group A, B, C, D and Group F, G, Certification temperature -40°C/+60°C





[LEARN MORE](#)

ExSite Enhanced 2 Series PTZ

Enhanced situational awareness with comprehensive coverage

The ExSite Enhanced 2 Series PTZ is an explosion-proof PTZ camera and offers superior situational awareness with 360° views for wide area coverage. This camera captures detailed and zoomable images, even in challenging lighting environments. ExSite Enhanced 2 Series PTZ is built to withstand most conditions, featuring a sturdy stainless steel construction that offers optimal resistance against corrosive environments such as offshore oil rigs or mining operations.

IMAGE PERFORMANCE

Type of camera	Day/night PTZ
Resolution	2 MP
Optical zoom	Up to 30x
Dynamic range	Up to 120 dB
Image rate	Up to 60 fps
IR illumination	No
Electronic image stabilization	Yes

ENVIRONMENT

Operating temperature	-40° to 60°C (-40° to 140°F)
Environment rating	IP66/67/68/69, Type 4X and type 6P
Wind resistance	Pan and tilt operational at a maximum of 210 km/h wind (130.5 mph)

SOFTWARE AND ANALYTICS

ONVIF conformance	Profile S, T, G, M
Video compression	H.264 and H.265 Pelco Smart Compression, Motion JPEG
Pelco Smart Analytics	Yes
Elevate-enabled	Yes

MECHANICAL

Dimensions (LxWxH)	313 mm × 232 mm × 398 mm (12.3" × 9.13" × 15.7")
Weight	26.5 kg (58.4 lbs)
Construction	AISI 316L stainless steel
Finish	Electro-polished surface

HAZARDOUS LOCATIONS

Zone 1 and 2, Group IIC for gas, Zone 21 and 22, Group IIIC for dust, Certification temperature -40°C/+70°C

Class I and II, division 2, Group A, B, C, D and Group F, G, Certification temperature -40°C +70°C





ExSite Enhanced Bispectral 2 Series PTZ

Dual-vision for hazardous sites

The Pelco ExSite Enhanced Bispectral 2 Series PTZ is an explosion-proof camera that combines visual and thermal sensors in a single device to provide a comprehensive view of your surroundings. The thermal camera can quickly and accurately detect a target in difficult environmental conditions – including fog, smoke, dust and foliage – while the visual camera achieves greater recognition and identification. Built with durable stainless steel, this camera system is tailored for hazardous and corrosive industries, such as onshore/offshore oil and gas, manufacturing, chemical and more.

[LEARN MORE](#)

IMAGE PERFORMANCE - VISUAL CAMERA

Type of camera	Bispectral PTZ: visual + thermal
Resolution	2 MP
Optical zoom	Up to 30x
Dynamic range	Up to 120 dB
Image rate	Up to 60 fps

IMAGE PERFORMANCE - THERMAL CAMERA

Resolution	QVGA and VGA options
Fixed lens options	QVGA: 6.3, 18; VGA: 14, 24
Thermal sensitivity (NETD)	NETD \leq 50 mK (NETD \leq 40 mK on 30 fps models when Frame Averager feature is enabled)
Image rate	Up to 30 fps

ENVIRONMENT

Operating temperature	-40 °C to 60°C (-40°F to 140°F)
Environment rating	IP66/67/68/69, Type 4X and 6P
Wind resistance	Pan and tilt operational at a maximum of 210 km/h wind (130.5 mph)

SOFTWARE AND ANALYTICS

ONVIF conformance	Profile S, G, T, M
Video compression	H.264 and H.265 Pelco Smart Compression, Motion JPEG
Smart analytics	Yes
Elevate-enabled	Yes

MECHANICAL

Dimensions (LxWxH)	453 mm x 232 mm x 398 mm; 17.84" x 9.13" x 15.7"
Weight	35 kg; 77 lbs
Construction	AISI 316L stainless steel
Finish	Electro-polished surface

HAZARDOUS LOCATIONS

Zone 1 and 2, Group IIC for gas, Zone 21 and 22, Group IIIC for dust, Certification temperature -40°C/+70°C

Class I and II, division 2, Group A, B, C, D and Group F, G, Certification temperature -40°C +70°C



ExSite Enhanced 2 Series Fixed

Monitor targeted hazardous sites with tough environmental conditions.



The ExSite Enhanced 2 Series Fixed is an explosion-proof fixed bullet camera, ideal for targeted locations, even when the camera is strategically positioned far away from the area of interest. This camera captures crisp images, even in difficult lighting environments. Built with heavy-duty stainless steel, the ExSite Enhanced 2 Series Fixed provides long-lasting performance in extreme and corrosive environments.

[LEARN MORE](#)

IMAGE PERFORMANCE

Type of camera	Day/night fixed bullet
Resolution	2 MP
Optical zoom	Up to 30x
Dynamic range	Up to 120 dB
Image rate	Up to 60 fps
IR illumination	No
Electronic image stabilization	Yes

ENVIRONMENT

Operating temperature	-50 °C to +60 °C (-58 °F to 140 °F)
Environment rating	IP66/67/68/69, Type 4X and 6P

SOFTWARE AND ANALYTICS

ONVIF conformance	Profile S, T, G, M
Video compression	H.264 and H.265 Pelco Smart Compression, Motion JPEG
Smart analytics	Yes
Elevate-enabled	Yes

MECHANICAL

Dimensions (LxWxH)	155.5 mm × 264 mm; 6.12" × 10.4" (dimensions without sunshield)
Weight	With 4m cable: 8.5 kg; 18.7 lbs., with 10m cable: 12.0 kg; 26.5 lbs
Construction	AISI 316L stainless steel
Finish	Electro-polished surface

HAZARDOUS LOCATIONS

Zone 1 and 2, Group IIC for gas, Zone 21 and 22, Group IIIC for dust,
Certification temperature -50°C +65°C or -60°C +65°C depends on the model

Class I and II, division 2, Group A, B, C, D and Group F, G,
Certification temperature -50°C +65°C





ExSite Enhanced 2 Series Compact

Compact design with exceptional images for small areas

The ExSite Enhanced 2 Series Compact is an explosion-proof compact camera with exceptional image quality. This easy-to-install camera enhances situational awareness over small areas, such as a manufacturing line or a truck shipping dock. The housing also complies with food safety regulations, making the camera highly suitable for food processing plants. The ExSite Enhanced 2 Series Compact provides maximum resistance in harsh and corrosive environments with its heavy-duty stainless steel materials.

LEARN MORE

IMAGE PERFORMANCE

Type of camera	Day/night compact
Resolution	6 MP
Optical zoom	Up to 1.6x
Dynamic range	Up to 120 dB
Image rate	Up to 30 fps
IR illumination	N/A
Electronic image stabilization	N/A

ENVIRONMENT

Operating temperature	-40 °C to +65 °C (-40 °F to 149 °F)
Environment rating	IP66/67/68/69, Type 4X and 6P

SOFTWARE AND ANALYTICS

ONVIF conformance	Profile S, T, G, M
Video compression	H.264 and H.265 Pelco Smart Compression, Motion JPEG
Smart analytics	Yes
Elevate-enabled	Yes

MECHANICAL

Dimensions (LxWxH)	Camera and bracket: 254.4 mm × 177 mm × 177.5 mm (10.0" × 6.97" × 6.99")
Weight	Camera and bracket: 6.5 kg (14.3 lbs), with 4m cable: 8.5 kg (18.7 lbs)
Construction	AISI 316L stainless steel
Finish	Electro-polished surface

HAZARDOUS LOCATIONS

Zone 1 and 2, Group IIB for gas , Zone 21 and 22, Group IIIC for dust, Certification temperature -40°C +65°C or +70°C depends on the model
Class I and II, division 2, Group C, D and Group F, G, Certification temperature -40°C +65°C or +70°C depends on the model



ExSite Enhanced Thermal 2 Series Fixed



Uncover hidden threats in hazardous sites

The ExSite Enhanced Thermal 2 Series Fixed is encased in heavy-duty stainless steel, offering hazardous sites a durable security camera with global explosion-proof certifications. Ideal for monitoring access points and fences, this camera offers precise thermal views to accurately detect a target in most environmental conditions, including fog, darkness and foliage. Boasting analytics, the ExSite Enhanced Thermal enhances decision-making with Smart Analytics, radiometric capabilities and Elevate.

[LEARN MORE](#)

IMAGE PERFORMANCE

Type of camera	Fixed thermal
Resolution	QVGA and VGA options
Fixed lens options	VGA 640×512; Lens 50°-9.2mm or 12°-36mm QVGA 320×256; Lens 34°-6.3mm or 12°-18mm
Thermal sensitivity (NETD)	NETD ≤50 mK (NETD ≤40 mK on 30 fps models when Frame Averager feature is enabled)
Image Rate	Up to 30 fps

ENVIRONMENT

Operating temperature	-50 °C to +65 °C (-58 °F to 149 °F)
Environment rating	IP66/67/68/69, Type 4X, 6P

SOFTWARE AND ANALYTICS

ONVIF conformance	Profile S, T, G, M
Video compression	H.264 and H.265 Pelco Smart Compression, Motion JPEG
Smart analytics	Yes
Elevate-enabled	Yes
Radiometrics	Yes on select models

MECHANICAL

Dimensions (ØxL)	Ø155.5 mm x 269.0 mm; Ø6.12" x 10.4" (dimensions without sunshield)
Weight	6.6 kg (14.5 lbs)
Construction	AISI 316L stainless steel
Finish	Electro-polished surface

HAZARDOUS LOCATIONS

Zone 1 and 2, Group IIC for gas, Zone 21 and 22, Group IIIC for dust, Certification temperature -60°C +55°C or +65°C

Class I and II, division 2, Group A, B, C, D and Group F, G, Certification temperature -60°C +55°C or 65°C



Pending

Pending





ExSite Pro IR PTZ

Uncompromised safety at affordable prices, even in total darkness

The ExSite Pro IR PTZ is an Explosion-proof PTZ camera with built-in IR illumination. This innovative camera provides clear images with high resolution and zoom capability, even in pitch black conditions. This lightweight solution optimizes security and achieves cost savings while maintaining image quality and situational awareness. The ExSite Pro IR PTZ can easily be installed in agricultural facilities that are dust-prone or around hydrogen storage tanks.

LEARN MORE

IMAGE PERFORMANCE

Type of camera	Day/night PTZ
Resolution	2 MP
Optical zoom	Up to 30x
Dynamic range	Up to 120 dB
Image rate	Up to 60 fps
IR illumination	Yes
Electronic image stabilization	Yes

ENVIRONMENT

Operating temperature	-40 °C to +60 °C (-40 °F to 140 °F)
Environment rating	IP66/67/68/69, Type 4X and 6P
Wind resistance	PTZ static: 200km/h (125mph) max PTZ operational at maximum speed: 130km/h (81 mph) max

SOFTWARE AND ANALYTICS

ONVIF conformance	Profile S, T, G, M
Video compression	H.264 and H.265 Pelco Smart Compression, Motion JPEG
Smart analytics	Yes
Elevate-enabled	Yes

MECHANICAL

Dimensions (LxWxH)	540 mm x 267 mm x 463 mm (21.2" x 10.5" x 18.2")
Weight	25.4 kg (56 lbs)
Construction	Corrosion resistant aluminum
Finish	Powder-coated, anodized and copper-free aluminum

HAZARDOUS LOCATIONS

Zone 1 and 2, Group IIC or IIB+H2 for gas, Zone 21 and 22, Group IIIC for dust, Certification temperature -40°C +60°C or +70°C depends on the model

Class I and II, division 2, Group B, C, D and Group F, G, Certification temperature -40°C +60°C or +70°C depends on the model





ExSite Pro PTZ

Lightweight design with detailed images

This innovative camera provides crisp images with high resolution and zoom capability, even in challenging lighting conditions. The ExSite Pro PTZ offers a lightweight solution that optimizes security and achieves cost savings while maintaining image quality and situational awareness. This camera is ideal for non-corrosive environments, such as inland oil and gas facilities or pharmaceutical industries.

LEARN MORE

IMAGE PERFORMANCE

Type of camera	Day/night PTZ
Resolution	2 MP
Optical zoom	Up to 30x
Dynamic range	Up to 120 dB
Image rate	Up to 60 fps
IR illumination	No
Electronic image stabilization	Yes

ENVIRONMENT

Operating temperature	-40 °C to +60 °C (-40 °F to 140 °F)
Environment rating	IP66/67/68/69, Type 4X and 6P
Wind resistance	PTZ static: 200km/h (125mph) max PTZ operational at maximum speed: 130km/h (81 mph) max

SOFTWARE AND ANALYTICS

ONVIF conformance	Profile S, T, G, M
Video compression	H.264 and H.265 Pelco Smart Compression, Motion JPEG
Smart analytics	Yes
Elevate-enabled	Yes

MECHANICAL

Dimensions (LxWxH)	383 mm x 267 mm x 463 mm (15" x 10.5" x 18.2")
Weight	20.9 kg (46 lbs)
Construction	Corrosion resistant aluminum
Finish	Powder-coated, anodized and copper-free aluminum

HAZARDOUS LOCATIONS

Zone 1 and 2, Group IIC or IIB+H2 for gas, Zone 21 and 22, Group IIIC for dust, Certification temperature -40°C +60°C or +70°C depends on the model

Class I and II, division 2, Group B, C, D and Group F, G, Certification temperature -40°C +60°C or +70°C depends on the model



ExSite Pro Bullet

Affordable security for hazardous sites

Securing hazardous environments is a balancing act: safety is key, but cost-effectiveness is critical. Pelco's explosion-proof camera breaks this cycle, offering high-performance security and reliability without the price tag. Enjoy strong security without straining your budget.



[LEARN MORE](#)

IMAGE PERFORMANCE

Type of camera	Day/night PTZ
Resolution	8 MP / 4K
Lens	4.4 - 9.3mm
Dynamic range	Up to 144 dB
Image rate	Up to 30 fps
IR illumination	Yes
Electronic image stabilization	Yes

ENVIRONMENT

Operating temperature	-40 °C to +65 °C (-40 °F to 149 °F)
Environment rating	IP66/67/68, IPX9K, NEMA 4X, IK10
Wind resistance	N/A

SOFTWARE AND ANALYTICS

ONVIF Conformance	Profile S, T, G, M
Video Compression	H.264 and H.265 Pelco Smart Compression, Motion JPEG
Smart Analytics	Yes
Elevate-enabled	Yes

MECHANICAL

Dimensions (LxWxH)	309 mm x 133 mm x 133 mm; 12.16" x 5.23" x 5.23"
Weight	2.16 kg; 4.76 lbs
Construction	Polycarbonate and aluminum with stainless steel sunshield
Finish	Powder-coated, anodized and copper-free aluminum

HAZARDOUS LOCATIONS

Zone 2, Group IIC for gas, Zone 21 and 22, Group IIIC for dust, Certification temperature -40°C +65°C

Class I, Division 2, Group A, B, C and D, Class II, Division 2, Group F and G, Certification temperature -40°C +65°C.



Pending Pending



Explosion-proof accessories

Complement your security system with a wide range of reliable explosion-proof accessories.

Enclosures



MAXIMUS MHX

Stainless steel enclosure for visible cameras



MAXIMUS MHXT

Stainless steel enclosure for thermal cameras



EXHC

Anti-corrosion aluminum alloy enclosure for visible cameras



EXHC THERMAL

Anti-corrosion aluminum alloy enclosure for thermal cameras

Cables



MULTIPOLAR ARMORED CABLES

Pre-assembled cables for hazardous areas

Washing system



WASEX

Washing system built with stainless steel

Communication box



MAXIMUS MBX

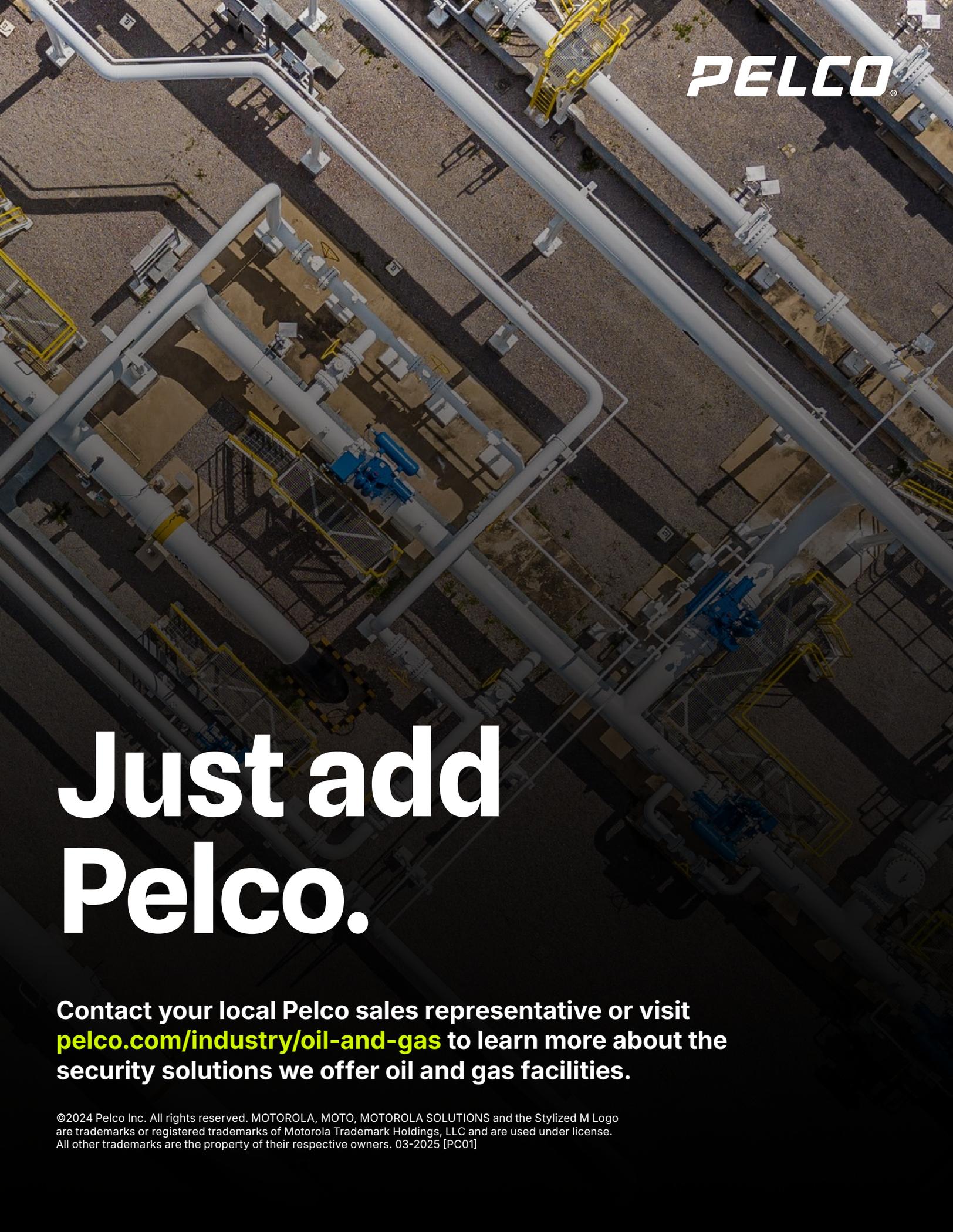
Communication box built with stainless steel

Illuminator



MAXIMUS MLX

Available with IR or white light for optimal lighting



PELCO®

Just add Pelco.

Contact your local Pelco sales representative or visit pelco.com/industry/oil-and-gas to learn more about the security solutions we offer oil and gas facilities.

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