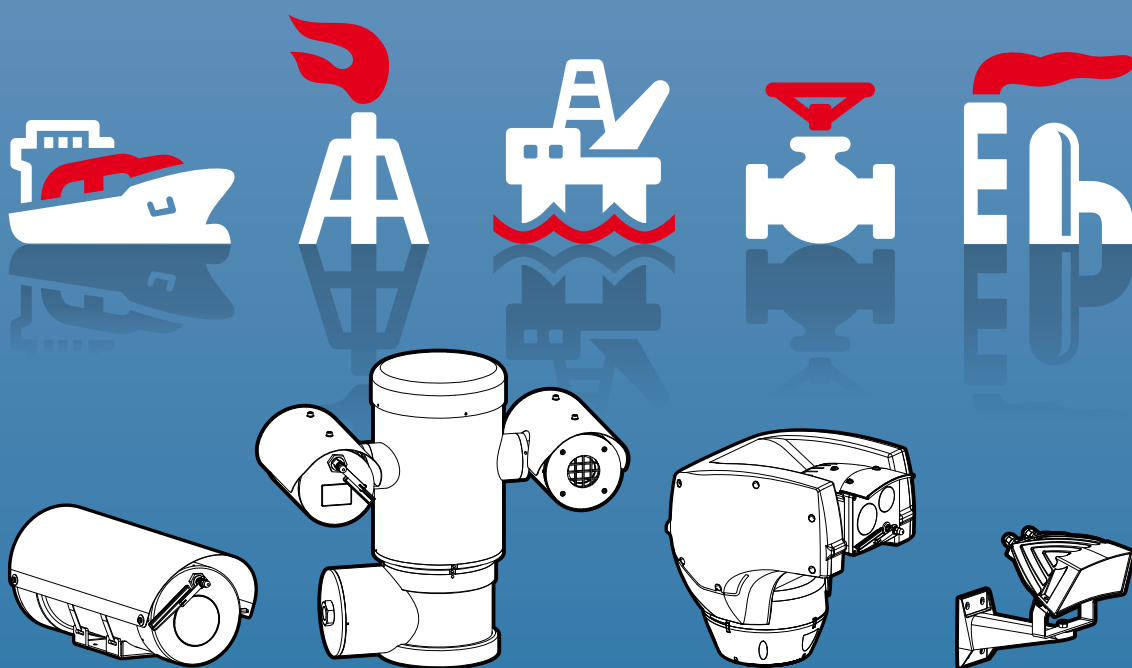


CCTV PRODUCTS FOR MARINE / ONSHORE / OFFSHORE



Optimal Surveillance for the protection
of personnel and equipment in Marine
and Offshore Sites





VIDEOTEC COMMITMENT TO EXCELLENCE

MANUFACTURER SINCE 1986, ITALY

WIDE ARRAY OF CCTV PRODUCTS

TOP-LEVEL CUSTOMER SERVICE

CONSTANT EVOLUTION TOWARDS EXCELLENCE

3 BRANCHES IN FRANCE, USA/CANADA, ASIA PACIFIC

QUALITY AND PROFESSIONAL PRODUCTS (ISO9001)

UNLIMITED FIELD OF OUTDOOR CCTV APPLICATIONS





SITE REFERENCES



OFFSHORE

EX-PROOF PTZ	Korea
PTZ w/ IP control and IR illuminators	Romania
PTZ w/ IP control and IR illuminators	Romania
EX-proof PTZ w/ wiper washer kit	Saudi Arabia
EX-proof PTZ	Taiwan
ULISSE PZT camera	Uruguay
EX-proof thermal PTZ	Vietnam
EX-proof PTZ	U.S.A.
ULISSE PZT camera	Canada



MARINE

EX-proof dual vision PTZ	Abu Dhabi
EX-proof PTZ	Spain
EX-proof housing	Algeria
PTZ units with thermal IP camera	Chile
MARINE PTZ and 20 PTZ camera	Chile
MARINE P&T with housings	Egypt
EX-proof PTZ	Germany
EX-proof dual vision PTZ	U.S.A.
MARINE P&T with housings	Canada



ONSHORE

EX-proof fixed camera stations	India
EX-proof PTZ	India
MARINE P&T units and control keyboards	India
MARINE P&T and housings	Italy
EX-proof housings	Japan
EX-proof PTZ	Nigeria
PTZ camera unit w/ wiper and washer kit	Oman
MARINE P&T with HOUSINGS	Perù
MARINE P&T and housings	U.S.A.

The selection of highly technological materials and components, the use of the most advanced software for mechanical design, the completely automated production systems and the continuous quality controls carried out by competent independent laboratories can attest the conformity with the International standard such as ISO 9001:2000. A certification that Videotec boasts since 1996.

Moreover Videotec offers a wide array of explosion-proof products, that obtained International Certifications, to meet the rigorous requirements for installation in Hazardous Areas with explosive risk.

Videotec is the best global partner in the supply of approved cctv products for hazardous environments.

ФИКАЦИИ ГОСТ Р
КОМ РЕГИСТРИРОВАНО И МЕТРОЛОГИИ

КАТ СООТВЕТСТВИЯ

№ 0466507

27.07.2012 по 27.07.2015

№ 0466507

ВЕРЬОВАНИЩЕНОГО
ИВЕР.

И. Л. корп. 4, комната № 9, ПАННО "РСВ",
0150, 554-9442, 557-8244, 558-4333, 558-8141, 971-4836.

МАХ ОК ОДС (ОКТИ): 65 7400

ИТА ТН ВЗД РОССИИ: 8543 70 900 6

97414

2.2012 ИЛ ПСВЗ

и сертификационной продукции
С С RU.0001.111745)

А.С. ТАЛАНОВ
О.Б. МАЛАХОВ

всей территории Российской Федерации

CERTIFICATE OF COMPLIANCE

Certificate Number: 20130830-E319666
Report Reference: E319666-20130830
Issue Date: 2013-AUGUST-30

Issued to: **VIDEOTEC SPA**
VIA FRIULI 6
36015 SCHIO VI ITALY

This is to certify that representative samples of **INFORMATION TECHNOLOGY EQUIPMENT FOR USE IN ZONE CLASSIFIED HAZARDOUS LOCATIONS**
USL - Class I, Zone 1, AEx d IIC T6;
Zone Z1, AEx tb IIIC T85°C
Maximus MPX/MPXT Flame-proof Pan & Tr CCTV camera
CNL - Class I, Zone 1, Ex d IIC T6 Gb
Class II, Groups E, F and G
Maximus MPX/MPXT Flame-proof Pan & Tr CCTV camera

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: See Addendum Page
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.
The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifying "C" the word "LISTED", a control number (may be alphanumeric) assigned by UL, and the product category name (product identifier) as indicated in the appropriate UL Directory.
Look for the UL Listing Mark on the product.

William R. Coney
Vice President, North American Certification Programs

UL

Page 1 of 2

CERTIFICADO DE CONFORMIDADE
CERTIFICATE OF CONFORMITY

Certificado No. / Certificate No.: UL-BR 13.0683K
Página / Page: 1/10

Solicitante / Applicant: Videotec SPA
Via Friuli, 6 - Schio, VI 36015, Italy
CNPJ: N/A

Fabricante / Manufacturer: Videotec SPA
Via Friuli, 6 - Schio, VI 36015, Italy
CNPJ: N/A

Local de Montagem / Assembly Location: 6008-006

Importador / Importer: Não Aplicável / Not Applicable

Marca Comercial / Trademark: Não Aplicável / Not Applicable

Produto Certificado / Certified Product: Câmera com Sistema de Posicionamento
Camera with Positioning System

Modelo / Model: Máximus, Série MPX/MPXT*
Máximus, Série MPX/MPXT* series

Lote ou Número de Série / Lot or Serial Number: Não Aplicável / Not Applicable

Marcação / Marking: Ex d IIC T6 Gb Ta -40° até +80°C
Ex tb IIIC T85°C Db Ta -40° até +80°C
IP66

Normas Aplicáveis / Applicable Standards: ABNT NBR IEC 60079-0:2008 + Emenda 1:2011
ABNT NBR IEC 60079-1:2009 + Emenda 1:2011
ABNT NBR IEC 60079-31:2011
Instrução nº. 179, de 08 de maio de 2010 e Regulamento de Avaliação de Conformidade para Equipamentos Elétricos para Atmosferas Explosivas, nas Condições de Gases e Vapor Inflamáveis e Poças Combustíveis, Outubro e Selo de Identificação da Conformidade do Sistema Brasileiro de Avaliação de Conformidade (SAC) sobre o(s) produto(s) mencionado(s) neste certificado.
Bearing the Conformity Identification Seal of the Brazilian System of Conformity (SAC) on the product covered by this certificate.

Emissão / Date of Issue: 01 de março de 2013 / March 01, 2013
Revisão / Revision date: -
Validade / Expiry date: 29 de fevereiro de 2016 / February 29, 2016

Admission Acquire: UL do Brasil Certificações, organismo acreditado pela Coordenação Geral de Acreditação do INMETRO - COCIB, segundo o registro No. OCPI-0023, conforme que o produto está em conformidade com esta Normativa e programas de Pós-venda acima descritos.
UL do Brasil Certifications, Certification Body member by Coordenação Geral de Acreditação do INMETRO - COCIB according to the register No. OCPI-0023, confirms that the product is in compliance with the standards and certification Program or Decree above mentioned.

Organismo de Certificação / Certification Body: UL do Brasil Certificações
Rua Fátima Ramos, 195, 5º andar,
04511-010 - Vila Olimpia - São Paulo - SP - Brasil

UL BR

41 IC F0400 rev 7.0

CNEX Electrical Apparatus
国家防爆 CERTIFICATION

Applicant: Videotec S.p.A.
Via Friuli, 6
36015 Schio (VI)
Italy

Name of Product: Explosion-proof Housing

Type of Product: EXHC 200 24V/220V ac

Marking: Ex d IIC T6 Gb
DIP A21 EA 16
Tamb-20--50°C; Tamb-

Standard: -

Drawing No.: EXHC 000 rev.05, EXHC

The drawings, technical documents and the sample safety as follows:
GB 3836.1-2010 Explosive atmosphere
GB 3836.2-2010 Explosive atmosphere
equipment "d"
GB12476.1 Electrical apparatus
Part 1-1: Electrical
Temperature limitation

Note: See the annex

Valid Date: From June 26, 2012 to Dec 31, 2012

Issue Date: June 30, 2012

Director: [Signature]

Ex CHINA NATIONAL QUALITY CENTER FOR EXPLOSION PROTECTION
Address: No.20 North Zhong
Tel: 8377-63258564 FAX: -

Note: This certificate is only valid for the products which identify with the responsibility to ensure the products complying with relevant standards.
此证书仅对识别与责任的产品有效，确保产品符合相关标准。



EXTREME ENVIRONMENT

Security and safety in marine and offshore sites are a serious issues and video surveillance plays a fundamental role in these complex scenarios. Many threats must be taken into consideration, in a way to guarantee that the operations take place without accidents and to protect lives and property.

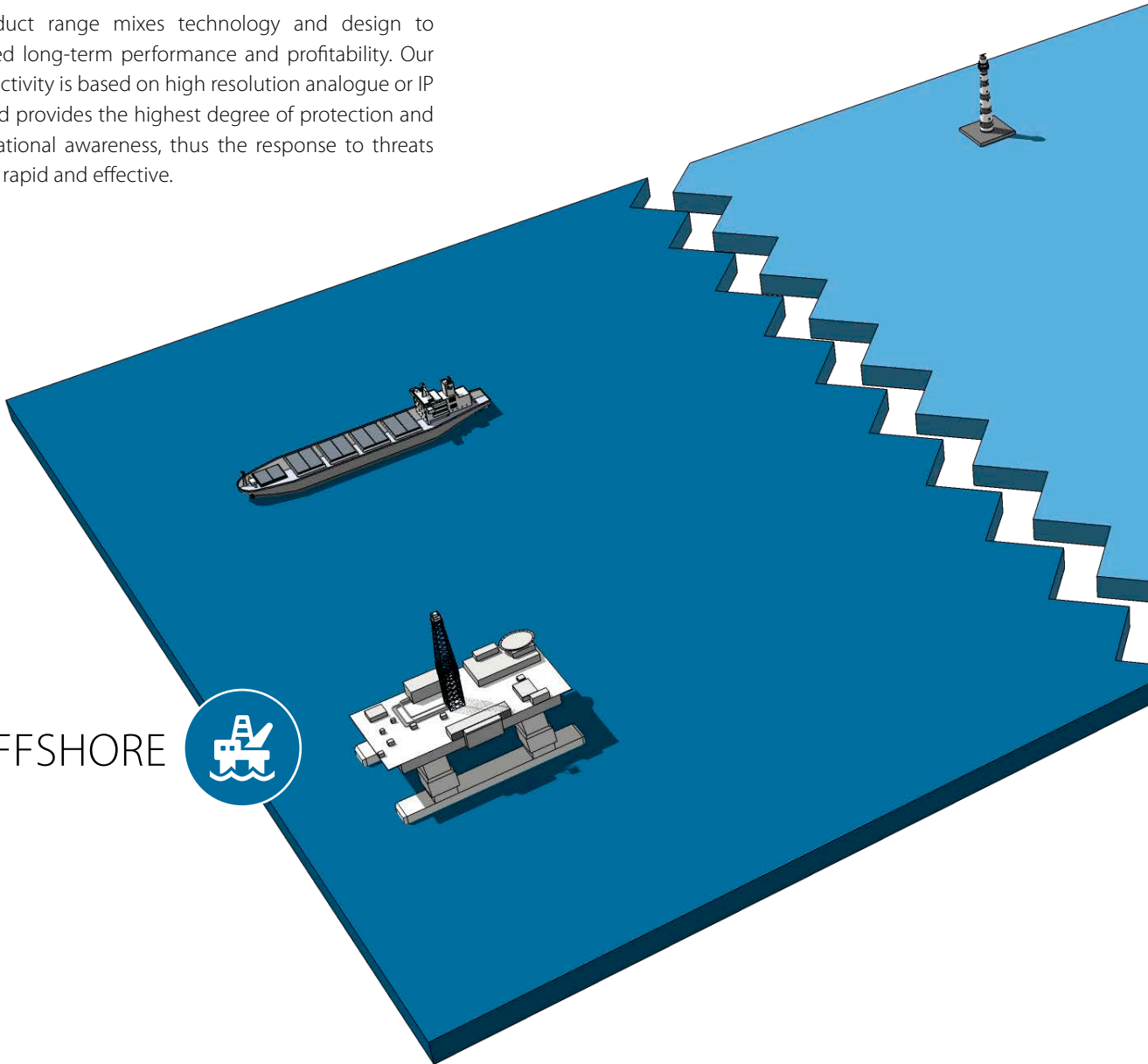
At Videotec we are prepared to cope with these challenges. We are known in the security industry, since more than 25 years, as one of the top-class manufacturers to offer professional world-class products along with a top level customer service.

The wide product range mixes technology and design to deliver unrivalled long-term performance and profitability. Our products connectivity is based on high resolution analogue or IP architecture, and provides the highest degree of protection and immediate situational awareness, thus the response to threats and incidents is rapid and effective.

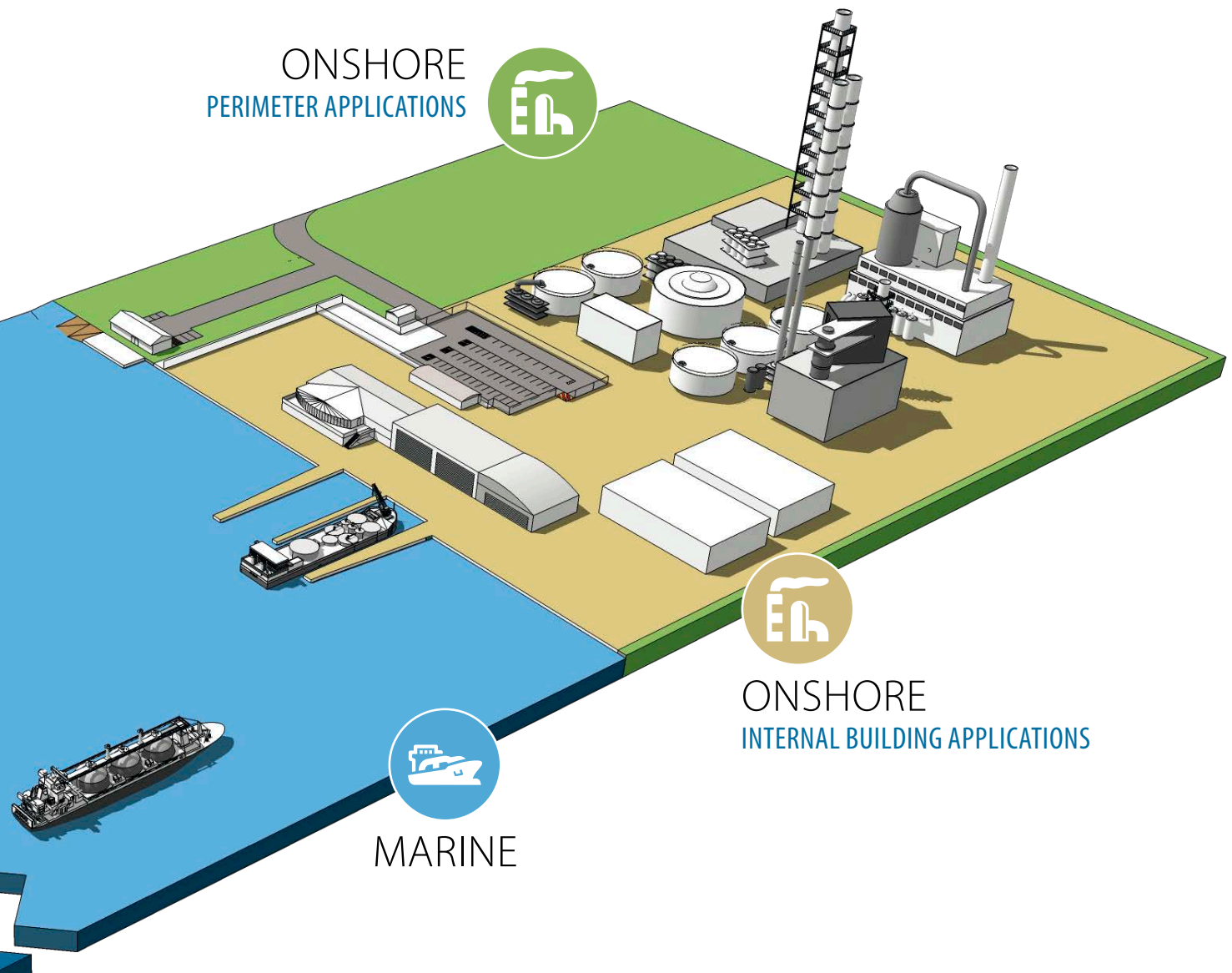
Videotec's products are synonymous with excellent quality, ease of maintenance and unmatched value for money.

Moreover thanks to our effective and flexible organisation, we are able to manage long-term production plans of any type and dimension, even for tailor-made solutions.

OFFSHORE



ONSHORE
PERIMETER APPLICATIONS



ONSHORE
INTERNAL BUILDING APPLICATIONS



MARINE



BUSINESS SEGMENTS

MARINE & OFFSHORE

SEA GOING VESSELS

OFFSHORE PLATFORMS

LNG CARRIER

TANK SHIPS

CONTAINER SHIPS

DRILL SHIPS

DRILL RIG

ONSHORE

OIL&GAS STORAGE FACILITIES

PORTS

HARBOURS

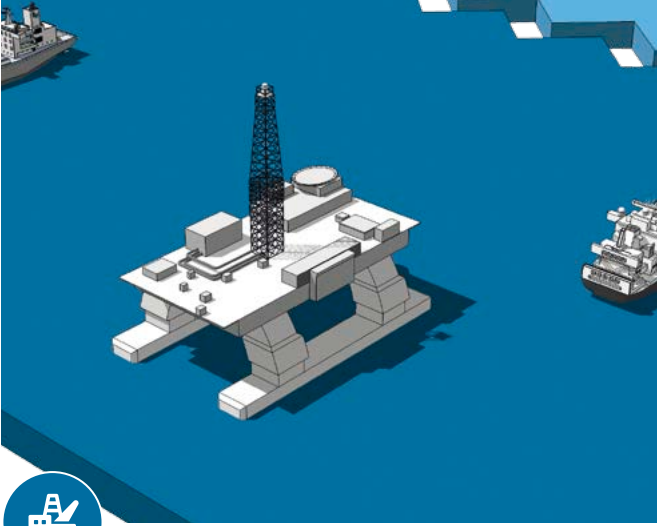
PIPELINES

REFINERIES AND PETROLEUM TERMINALS

GAS STATION

DANGEROUS INDUSTRIAL AREAS

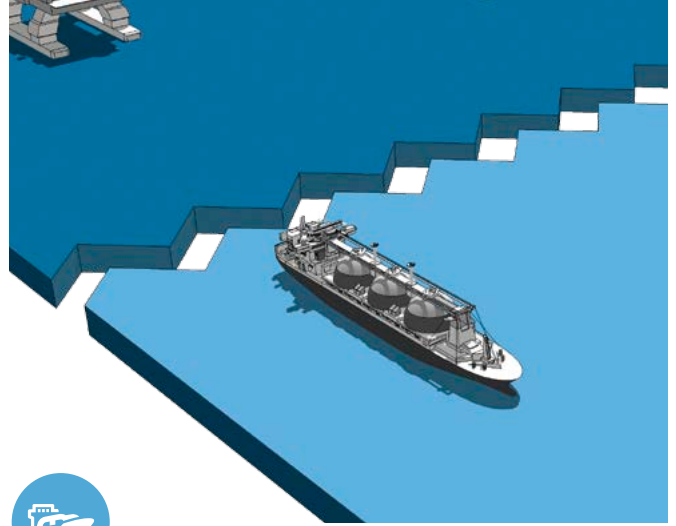
FLAMMABLE AND EXPLOSIVE PROCESSES



OFFSHORE

Videotec's devices ensure total protection for very high risk environments such as the oil&gas sea-based facilities and provide the highest degree of protection and immediate situational awareness, thus the response to threats and incidents is rapid and effective.

The explosion-proof IP-based PTZ cameras, provide high resolution images and dynamic remote positioning. They can be located in strategical positions, to get seamless operation and the maximum situational awareness during day and night. Specialist thermal cameras PTZ will excel to detect intruders from open sea with zero visibility, during night and early morning hours or through fog or smoke. All AISI316L equipments are weatherproof and withstand to the harshest atmospheric conditions and marine corrosion.

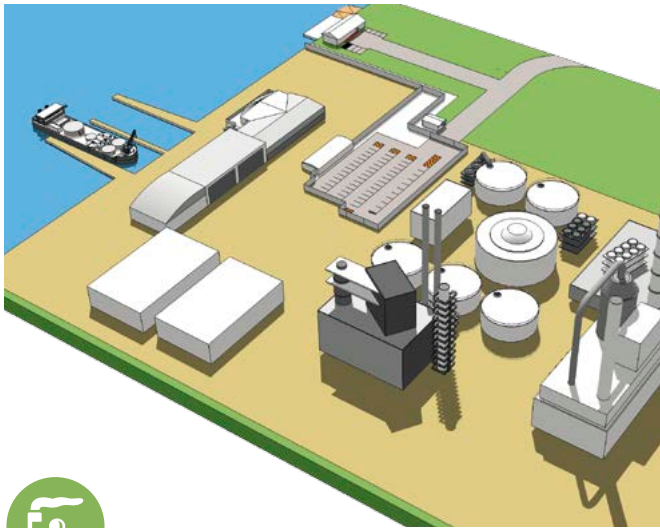


MARINE

With their wide range of specialist CCTV products, Videotec has the global expertise to meet the challenges of the demanding oil&gas maritime applications. Designed to withstand to the most corrosive atmosphere, Videotec's stainless steel IP-based PTZ cameras can be installed onboard all kind of vessels, oil tankers, container ships, LNG carriers, etc.

Specifically designed static or PTZ cameras made in corrosion resistant materials for maximum reliability and zero maintenance. All products are easy to install and provide the best quality video in all environmental conditions. In particular the dual vision thermal imaging PTZ cameras are the optimal solution to constantly monitor onboard operations or detect threats from open sea. These devices provide full situational awareness to the security personnel to evaluate potential threats and initiate the appropriate response.



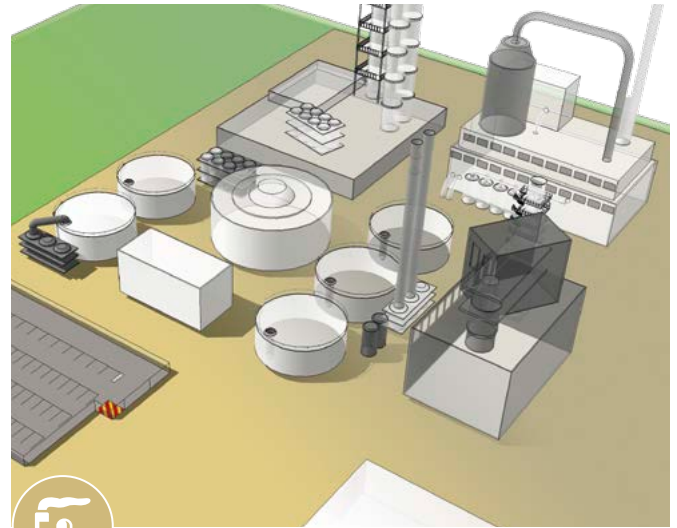


ONSHORE PERIMETER APPLICATIONS

Videotec can respond with effective solutions to the demanding security needs within the downstream oil&gas production facilities. They request round the clock protection of extended areas, which are sometimes difficult to reach.

The IP based products can remotely control vast outdoor areas and long perimeters, offering network integration with third party systems, thus offering a comprehensive security system for critical infrastructures.

All equipments have been developed for outdoor continuous use with zero maintenance. They can perfectly manage complex outdoor conditions and lighting variations and withstand to difficult environment conditions.



ONSHORE INTERNAL BUILDING APPLICATIONS

To guarantee security of the onshore oil&gas production plants, Videotec offers a wide choice of specialist and certificated products, ideal for installation in hazardous areas. They meet the stringent requirement of the hazardous area classifications

The Videotec's CCTV products are worldwide used for high security monitoring tasks in critical infrastructure to increase overall security. They offer full IP Ethernet network integration with third party systems, which provides a comprehensive security system for high risk environments. The operator can constantly monitor the critical areas and rapidly collect punctual information, quickly detect abnormal and dangerous situations and take immediate decisions, reducing the possibility of accidents.



OUR SOLUTIONS

PRODUCT LINE-UP

Our specialist products are designed to operate day and night in the harshest conditions, including severe weather and darkness. These devices are carefully manufactured using the best quality components and corrosion resistant and heavy duty materials. According to the type of area, safe or hazardous, we offer complete lines of equipment with specific features to respond to any requirement. We provide the highest degree of reliability and performance, both under desert and ice conditions.



MAXIMUS RANGE EXPLOSION-PROOF FIXED AND PTZ CAMERAS FOR HAZARDOUS AREAS



The Maximus Line of explosion proof fixed and PTZ cameras are ready for installation in hazardous locations where there is a risk of explosion, due to gas or dust presence.

The stainless steel used for their construction is passivated and electropolished AISI316L, rusting and corrosion resistant. Precision machine tools are used for the construction and all welded joints are individually tested and verified. The front window is made of tempered glass, processed by controlled thermal and chemical treatments to increase its strength and resistance to physical and thermal stress.

The careful design ensures the full compliance with the strictest Standards for classified environments. Certified according ATEX, INMETRO, IECEX, GOST-R, USA UL and Canada UL.

IP-based versions and thermal imaging models available.



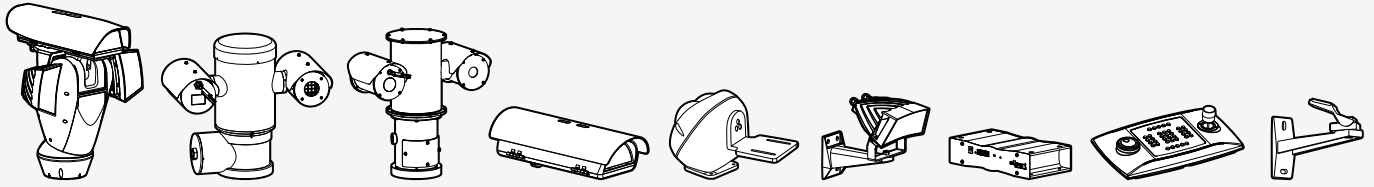
MARINE RANGE HEAVY-DUTY FIXED AND PTZ CAMERAS



The wide Marine Line of rugged housings and PTZ cameras with dynamic remote positioning capabilities has been conceived to offer extreme ruggedness, ease-of-installation with zero maintenance.

The stainless steel used for their construction is passivated and electropolished AISI316L which makes these products completely impervious to air and water rusting and corrosion and offers excellent weather protection. The wiper and washer kit cleans dirt and debris that accumulate on the glass in front of the camera, so that the images result always perfectly clear at any time.

Models available for thermal imaging viewing for optimal monitoring in total darkness, through fog, rain, heavy smoke or in the far distance.



ULISSE RANGE INTEGRATED PTZ CAMERAS



The ULISSE range of hi-speed PTZ is a frequently adopted solution for critical tasks.

Their extreme flexibility to comply with most demanding requirements, their optimal performance and image quality provide an effective patrol and an uninterrupted coverage of wide outside areas or perimeters, with clear and precise image for the operator and recordings.

They offer proven reliability to withstand the harshest environmental conditions, extreme cold or hot temperatures, strong dusty and sandy wind. The option of wiper and washer pump ensures a constant cleaning of the front window. The integrated LED lighting delivers clear nighttime images of the area.

Extremely easy to install and firmware upgradable from remote sites, these PTZ are all offered with IP control mode and for thermal imaging viewing.

Moreover the exceptional ULISSE COMPACT Full HD 1080p PTZ guarantees broadcast quality video and immediate response to operators commands (ONVIF-Profile S, H.264/AVC).

CAMERA HOUSINGS RANGE CAMERA PROTECTION AGAINST HARSH OUTDOOR ENVIRONMENTS

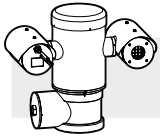


Ideal to protect cameras in any harsh outdoor conditions, the Videotec housings have been developed using the highest quality aluminium and innovative tecnopolymer materials. The care taken during their manufacture ensures maximum durability and reliability, further to an easy installation and service. All Videotec housings are IP66/IP67 weatherproof rated, meaning total protection against rain and dust.

In particular, the new Hi-PoE IPM (Intelligent Power Management) housings enable an indoor PoE-IP camera to operate even in difficult environmental conditions. Only one standard Ethernet cable is needed to carry video data and power both to the housing and to the camera, no need for any extra electrical cabling.

The new IPM technology makes installation quick and easy as the IPM system automatically enables the housing to regulate the inside temperature and ensures the camera can operate optimally at all times.

The result is a greater reliability and flexibility of the network system in addition to simplifying installation operations and reducing costs.



EXPLOSION-PROOF PRODUCTS



MAXIMUS MPX AND MPXT PTZ CAMERAS RANGE

High speed rotation at 100°/s

Day/night camera or dual vision thermal imaging versions

AISI 316L Stainless steel construction

IP versions

Integrated wiper

AISI 316L washer pump with explosion-proof solenoid valve (ATEX, GOST-R, INMETRO)



MAXIMUS MHX AND MHXT DAY/NIGHT AND THERMAL FIXED CAMERAS RANGE

MHX with Day/Night camera with sensor 1/3" and zoom lens 10x for a perfect vision even with low light and function of masking of privacy zones, optional wiper

MHXT with Thermal camera Uncooled microbolometer (VOx), Lenses: 19mm, 25mm, 35mm, 50mm, Resolution: 320x256 or 640x512, Image frequency: 7.5-8.3Hz or 25-30Hz

Models without camera also available for total freedom in camera/lens combination

AISI 316L Stainless steel housing



EXPT P&T WITH HOUSINGS FOR DAY/NIGHT AND THERMAL CAMERAS

Anticorodal aluminium construction, resistant to corrosion

Horizontal speed 6°/s, vertical 2,4°/s

Models with a Mylar winding film for the cleaning of the front glass

Models with a special coating resistant to low temperature environments, down to -40°C (-40°F)

Cost effective range



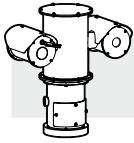
EXH HOUSINGS FOR FIXED DAY/NIGHT AND THERMAL CAMERAS

Anticorodal aluminium construction, resistant to corrosion

Models with a special coating resistant to low temperature environments, down to -40°C (-40°F)

Models for thermal cameras





STAINLESS STEEL PRODUCTS



NXPTZ AND NXPTZT PTZ CAMERAS RANGE

High speed rotation at 100°/s

Day/night camera or dual vision thermal imaging versions

AISI 316L Stainless steel construction

IP versions, H.264/AVC compression, ONVIF Profile S

Integrated wiper



NXM AND NTC DAY/NIGHT AND THERMAL FIXED CAMERAS RANGE

AISI316L construction

Versions for thermal imaging and with factory installed thermal camera

Different housings sizes

Optional wiper

Reinforced heater for temperatures down to -40°C (-40°F)

Can be installed on a NXPTH Pan & Tilt head



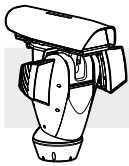
NXPTH HEAVY DUTY PAN & TILT HEAD

AISI316L construction

Suitable to the stainless steel housings series

Horizontal fixed speed 5°/s, vertical fixed speed 3°/s





INTEGRATED POSITIONING UNITS



ULISSE COMPACT, THERMAL AND HD HIGH SPEED PTZ CAMERAS RANGE

Pan/Tilt variable speed: 0.1°-200°/s

Day/night camera or dual vision thermal imaging versions

IP based versions H.264/AVC

Models with Full HD 1080p camera, 20x zoom, H.264/AVC, ONVIF Profile S

Optional wiper

Optional integrated LED illuminator



ULISSE AND ULISSE NETCAM PTZ UNIT FOR DAY/NIGHT OR NETWORK CAMERAS AND COMPACT LENSES

Models for network cameras (ONVIF protocol, Profile S)

Versions for thermal imaging viewing

IP based versions (MPEG-4, ONVIF)

Pan/Tilt variable speed: 0.1°-100°/s

Integrated Day/Night camera on demand

Optional wiper

Optional bracket for the mount of two LED illuminators

Cold pack for low temperature down to -30°C (-22°F)



ULISSE PLUS AND ULISSE PLUS NETCAM PTZ UNIT FOR DAY/NIGHT OR NETWORK CAMERAS AND MEDIUM-LARGE LENSES

Models for network cameras (ONVIF protocol, Profile S)

IP based versions (MPEG-4, ONVIF)

Optional bracket for the mount of two LED illuminators

Variable speed: 0.02°-100°/s Pan; 0.02°-50°/s Tilt

Supplied with integrated wiper

Cold pack for low temperature down to -30°C (-22°F)



ULISSE MAXI AND ULISSE MAXI NETCAM PTZ UNIT FOR DAY/NIGHT OR NETWORK CAMERAS AND LARGE LENSES

Models for network cameras (ONVIF protocol, Profile S)

IP based versions (MPEG-4, ONVIF)

Versions for thermal imaging viewing

Variable speed: 0.02°-20°/s Pan and Tilt

Supplied with integrated wiper





CAMERA HOUSINGS



IPM CAMERA HOUSINGS HOUSINGS WITH IPM TECHNOLOGY (INTELLIGENT POWER MANAGEMENT)

PoE / Hi-PoE power supply for heating, demisting, illuminator, fan and PoE network camera

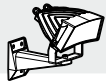
Category 5e shielded power cable

Compatible with IEEE 802.3af, IEEE 802.3at/PoE Plus

Vandal resistant models

Versions with fan with double air filter

Pre-arranged to mount a GEKO LED illuminator



LED ILLUMINATORS



GEKO ILLUMINATORS IR AND WHITE LIGHT LED LIGHTING

High efficiency SMD LED and optimized heat sink body to ensure maximum LED durability

Low energy consumption

Different beam pattern and wavelengths

Supplied with a wall-mount bracket



DIGITAL VIDEO SYSTEMS



ALBERT ENCODER FOR VIDEO CONTENT ANALYSIS AND SMART SYSTEM MANAGEMENT

Advanced algorithms for outdoor intelligent analysis and smart system management

Ideal for vast external area where multiple simultaneous events can occur

Distributed intelligence

Internal recording on HD or external via networks to NAS or PC

Advanced Outdoor-oriented Event Detector

Minimum bandwidth, video compression H.264 Main Profile

Full integration with high speed pan & tilts

Maximum level of redundancy





CCTV PRODUCTS
www.videotec.com

HEADQUARTERS ITALY

VIDEOTEC S.p.A.
Via Friuli, 6 - I-36015 Schio (VI) Italy
Tel. +39 0445 697411 - Fax +39 0445 697414
Email: info@videotec.com

FRANCE

VIDEOTEC FRANCE S.à.r.l.
Voie du Futur - Zac des Portes - 27100 Val de Reuil, France
Tel. +33 2 32094900 - Fax +33 2 32094901
Email: info.fr@videotec.com

AMERICAS

VIDEOTEC SECURITY, Inc.
Gateway Industrial Park - 35, Gateway Drive - Suite 100
Plattsburgh, NY 12901 - U.S.A.
Tel. +1 518 825 0020 - Fax +1 518 825 0022
Email: info.usa@videotec.com - www.videotec.us

ASIA PACIFIC

VIDEOTEC (HK) Ltd
Flat 8, 19/F, On Dak Industrial Building, No. 2-6 Wah Sing Street,
Kwai Chung, New Territories, Hong Kong
Tel. +852 2333 0601 - Fax +852 2311 0026
Email: info.hk@videotec.com



Made in Italy, since 1986