

ENGLISH

MAXIMUS Range of Stainless steel/Explosion-proof products



*your **Ex**treme Defender.*



The new MAXIMUS line features a broad range of stainless steel housings and integrated positioning units, designed by Videotec for demanding applications in accordance with the strictest Standards for environments exposed to explosion risk.

KEY BENEFITS

EXPERIENCE

Videotec has a much consolidated background in this field and many worldwide installations use these products. The MAXIMUS line gathers this whole background to reach the top level of the technical know-how.

PROTECTION AND POWER

This range is characterized by absolute sturdiness, rigorous care for construction, easy installation and low maintenance, not to mention the competitive aspect.

WIDE PRODUCT SPECTRUM

The MAXIMUS range comprises an interesting selection of versions to meet the most diverse installation requirements. From housings with wiper to integrated positioning units with day/night camera, dual optical/thermal imaging, or with an inbuilt infrared LED illuminator.

APPLICATIONS

Recommended for installation in highly corrosive environments with explosion risk, such as: Refineries, Pipelines, Tankers, Offshore platforms, Hazardous process monitoring, Chemical processing.

CERTIFICATIONS

- ATEX $\text{Ex II 2 G Ex d IIC T6 T}_3$ -40°C to +60°C Gb
 $\text{Ex II 2 D Ex tb IIIC T85°C T}_3$ -40°C to +60°C Db
IP66
- IECEx Ex d IIC T6 T_3 -40°C to +60°C Gb
 $\text{Ex tb IIIC T85°C T}_3$ -40°C to +60°C Db
IP66
- UL pending
- GOST-R pending



MPX INTEGRATED POSITIONING UNIT

CONTINUOUS PAN ROTATION

TILT ROTATION: -90° TO +90°

INBUILT WIPER

INBUILT DAY/NIGHT CAMERA OPTICAL ZOOM 36x OR 28x

VARIABLE SPEED: 0.1°- 100°/S PAN & TILT

VERSION WITH VIDEO OUTPUT IN FIBER OPTICS

FIRMWARE UPDATE FROM REMOTE

DAY/NIGHT (AUTO ICR)

RS485/RS422 SERIAL INTERFACE FOR PC CONTROL

DYNAMIC VIDEO MASKING OF DIFFERENT AREAS



VERSION WITH INFRARED LED ILLUMINATOR (COMING SOON)

VERSION WITH DUAL OPTICAL/THERMAL INDEPENDENT VIDEO OUTPUT

THERMAL CAMERA:
• Uncooled microbolometer (VOx)
• Lenses 35mm, 25mm or 9mm
• Image frequency: 8,3Hz or 25Hz

MAXIMUS MPX features a high-performance pan & tilt, a Day/Night camera and a telemetry receiver. It offers continuous rotation, extreme positioning accuracy sturdiness and simplified configuration, superior quality images.

This unit is entirely made of passivated, electro-polished AISI 316L stainless steel for excellent resistance to UV rays, saline mist, and pollutants present in the atmosphere. The speed can reach up 100°/s by continuous horizontal rotation over a -90° to +90° vertical range.

MAXIMUS MPX can handle preset, autopan and patrol functions with 0.02° accuracy. The Pan & Tilt performs a continuous control and adjustment of its position, which is a very useful function for applications under severe conditions. The integrated camera allows a highly precise detection of nearby or remote objects as well as a dynamic masking of private areas.

VERSIONS WITH IP VIDEO ENCODER MPEG4, 25FPS, FULL D1 (COMPATIBLE WITH MILESTONE XPROTECT SUITE AND ONVIF PROTOCOL)



EXTREMELY EASY ELECTRICAL CONNECTIONS DIRECTLY INTO THE UNIT, THANKS TO THE EXPLOSION-PROOF INSPECTION BOX

AVAILABLE VERSIONS



MPX



MPXT (DAY/NIGHT + THERMAL)



MPX IR (CAMERA + IR LED)

MHX HOUSING

INBUILT WIPER

STAINLESS STEEL AISI316L

OUTDOOR/INDOOR INSTALLATION

WIDE RANGE OF ACCESSORIES

IP66/IP67



MAXIMUS MXH housings are made of passivated, electro polished AISI 316L steel for excellent resistance to UV rays, saline mist, and pollutants present in the atmosphere.

Supplied with standard heater, this housing operating range is comprised between -40°C and +60°C.

The housing features an integrated wiper and an innovative cabling system with plug-in connectors located on the motherboard of the housing, easy accessible from the rear side of the housing. The electronics feeds and controls the wiper.

