TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

COMPLETE CATALOGUE

TECNOVIDEO
CCTV SYSTEMS AND ACCESSORIES

20121026

TecnoVideo
CCTV SYSTEMS AND ACCESSORIES

Table of contents

About us

Founded in 1999, Tecnovideo is a leading designer and manufacturer of special stainless steel CCTV camera housings and accessories for use in adverse conditions and harsh environments applications.
Tecnovideo is a leading worldwide supplier for the CCTV market due to the high reliability and high quality of its products.

Tecnovideo's catalogue includes a wide range of stainless steel camera housings (from small to very large size), enclosures for IR thermal imaging cameras widely used in thermography and night vision application, liquid cooled camera housings for very hot environments, Pan & Tilt motors and a complete set of installation brackets, everything manufactured with specialized components and materials to provide improved performance and protection in the most aggressive environments.

Thanks to our flexible organization, our ten-year experience in designing and manufacturing stainless steel CCTV accessories and our Quality Management System (ISO9001:2008 certified), we have the resources and the expertise to develop and manufacture customized solutions to meet every installation requirement, offering competitive prices for very high quality products.

Tecnovideo, your best choice!

Stainless steel camera housings

Stainless steel camera housings are the best solution when high reliability in harsh environments is required. Every camera housing is made in AISI316L stainless steel to make it suitable for applications such as marine, industrial, chemical, food industry, military use, etc. Each housing can be brought with several optional and personalization to suit every need.
Every model has a version suitable for thermal cameras, equipped with a germanium front window with AR/DLC coating (Anti-Reflection / Diamond Like Coating) which protects the window allowing an increased transmittance.

![TecnoVideo - CCTV SYSTEMS AND ACCESSORIES]

Stainless steel camera housings

*The COMPACT **101 Series** Stainless Steel Camera Housing has been designed to protect small and medium size cameras installed in highly aggressive environments.*

AISI316L Stainless Steel construction
IP67 Weatherproof standard
IR glass for thermal imaging cameras available
Two different lengths available (120, 200mm)
Wall or ceiling mount versions available

TECNOVIDEO
CCTV SYSTEMS AND ACCESSORIES

Stainless steel camera housings

*The **129 Series** MEDIUM size housing is designed to protect CCTV cameras in industrial, marine and highly corrosive environments.*

AISI316L Stainless Steel construction
Sunshield, Heater, Wash/Wiper and Air Barrier as optionals
IP67 Weatherproof standard
IR glass for thermal imaging cameras available
Two different lengths available (360, 460mm)

TecnoVideo
CCTV SYSTEMS AND ACCESSORIES

Stainless steel camera housings

*The MEDIUM-LARGE **168 Series** is suited to fit medium size lenses and covers a wide range of cameras and other similar applications.*

AISI316L Stainless Steel construction
Sunshield, Heater and Wash/Wiper as optionals
IP67 Weatherproof standard
IR glass for thermal imaging cameras available

Stainless steel camera housings

*The **204 Series** LARGE camera housings have been developed to protect all the possible combinations of big zoom lenses and cameras.*

AISI316L Stainless Steel construction
Sunshield, Heater and Wash/Wiper as optionals
IP67 Weatherproof standard
IR glass for thermal imaging cameras available
Two different lengths available (500, 600mm)

Stainless steel camera housings

*The **254 Series** comprises EXTRA-LARGE camera housings. It has a 254mm (10-inch) diameter and its stainless steel bracket is designed to reduce vibrations and to keep the housing still in most windy places.*

AISI316L Stainless Steel construction
Sunshield, Heater and Wash/Wiper as optionals
IP67 Weatherproof standard
IR glass for thermal imaging cameras available
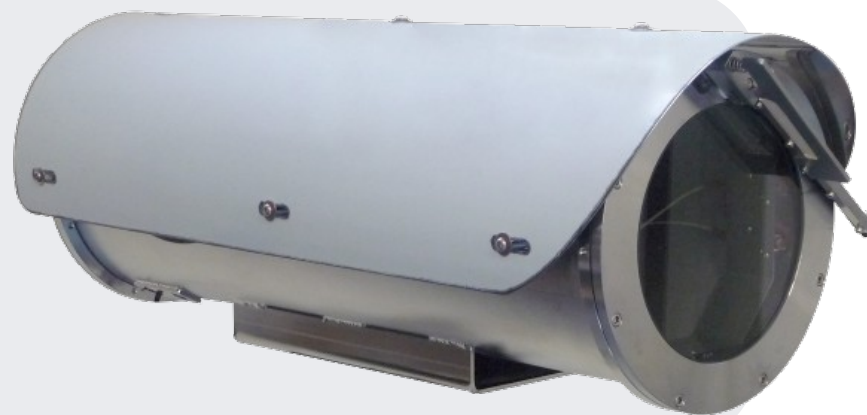Two different lengths available (600, 700mm)

Stainless steel camera housings

Product codes

101 Series

101W	Housing (Length=120mm) + wall bracket
101W-L	Housing (200mm) + wall bracket
101C	Housing (120mm) + ceiling bracket
101C-L	Housing (200mm) + ceiling bracket

129 Series

129	Housing (Length=360mm)
129-L	Housing (460mm)
129SH	Housing (360mm) + Sunshield + Heater
129SH-L	Housing (460mm) + Sunshield + Heater
129WW	Housing (360mm)+ Sunshield + Heater + Wiper
129WW-L	Housing (460mm)+ Sunshield + Heater + Wiper
129AB	Housing (360mm) + Front window air barrier. Sunshield + Heater optional

168 Series

168	Housing (Length=500mm)
168SH	Housing (500mm) + Sunshield + Heater
168WW	Housing (500mm) + Sunshield + Heater + Wiper

204 Series

204	Housing (500mm). UW:145
204-L	Housing (600mm). UW:145
204SH	Housing (500mm) + Sunshield + Heater. UW:145
204SH-L	Housing (600mm) + Sunshield + Heater. UW:145
204WW120	Housing (500mm) + Sunshield + Heater + Wiper. UW:120mm
204WW120-L	Housing (600mm) + Sunshield + Heater + Wiper. UW:120mm
204WW140	Housing (500mm) + Sunshield + Heater + Wiper. UW:140mm
204WW140-L	Housing (600mm) + Sunshield + Heater + Wiper. UW:140mm

UW:	*Usable front window diameter*

254 Series

254	Housing (Length=600mm)
254-L	Housing (700mm)
254SH	Housing (600mm) + Sunshield + Heater
254SH-L	Housing (700mm) + Sunshield + Heater
254WW	Housing (600mm) + Sunshield + Heater + Wiper
254WW-L	Housing (700mm) + Sunshield + Heater + Wiper

Note: upon request customisation is available

Stainless steel camera housings

IR thermal imaging cameras

101IR Series

101WIR50	Housing (Length=120mm) + wall bracket
101WIR50-L	Housing (200mm) + wall bracket
101CIR50	Housing (120mm) + ceiling bracket
101CIR50-L	Housing (200mm) + ceiling bracket
101WIR70	Housing (Length=120mm) + wall bracket
101WIR70-L	Housing (200mm) + wall bracket
101CIR70	Housing (120mm) + ceiling bracket
101CIR70-L	Housing (200mm) + ceiling bracket

129IR Series

129IR50	Housing (Length=360mm) UW:50
129IR50-L	Housing (460mm) UW: 50
129SHIR50	Housing (360mm) UW: 50 + Sunshield + Heater
129SHIR50-L	Housing (460mm) UW: 50 + Sunshield + Heater
129WWIR50	Housing (360mm) UW: 50 + Sunshield + Heater + Wiper
129WWIR50-L	Housing (460mm) UW: 50 + Sunshield + Heater + Wiper
129IR70	Housing (Length=360mm) UW:70
129IR70-L	Housing (460mm) UW: 70
129SHIR70	Housing (360mm) UW: 70 + Sunshield + Heater
129SHIR70-L	Housing (460mm) UW: 70 + Sunshield + Heater
129WWIR70	Housing (360mm) UW: 70 + Sunshield + Heater + Wiper
129WWIR70-L	Housing (460mm) UW: 70 + Sunshield + Heater + Wiper
129ABIR70	Housing (360mm) UW: 70 + Front window air barrier. Sunshield + Heater optional

168IR Series

168IR70	Housing (Length=500mm) UW: 70
168SHIR70	Housing (500mm) UW: 70 + Sunshield + Heater
168WWIR70	Housing (500mm) UW: 70 + Sunshield + Heater + Wiper
168IR110	Housing (500mm) UW: 110
168SHIR110	Housing (500mm) UW: 110 + Sunshield + Heater
168WWIR110	Housing (500mm) UW: 110 + Sunshield + Heater + Wiper

204IR Series

204IR70	Housing (Length=500mm) UW:70. Shutter optional
204IR70-L	Housing (600mm) UW:70. Shutter optional
204SHIR70	Housing (500mm) UW:70 + Sunshield + Heater
204SHIR70-L	Housing (600mm) UW:70 + Sunshield + Heater
204WWIR70	Housing (500mm) UW:120mm + Sunshield + Heater + Wiper
204WWIR70-L	Housing (600mm) UW:120mm + Sunshield + Heater + Wiper
204IR110	Housing (Length=500mm) UW:110
204IR110-L	Housing (600mm) UW:110
204SHIR110	Housing (500mm) UW:110 + Sunshield + Heater
204SHIR110-L	Housing (600mm) UW:110 + Sunshield + Heater
204WWIR110	Housing (500mm) UW:110 + Sunshield + Heater
204WWIR110-L	Housing (600mm) UW:110 + Sunshield + Heater
204IR145	Housing (500mm) UW:145
204IR145-L	Housing (600mm) UW:145
204SHIR145	Housing (500mm) UW:145 + Sunshield + Heater
204SHIR145-L	Housing (600mm) UW:145 + Sunshield + Heater

254IR Series

254IR155	Housing (Length=600mm)
254IR155-L	Housing (700mm)
254SHIR155	Housing (600mm) + Sunshield + Heater
254SHIR155-L	Housing (700mm) + Sunshield + Heater
254WWIR155	Housing (600mm) + Sunshield + Heater + Wiper
254WWIR155-L	Housing (700mm) + Sunshield + Heater + Wiper

UW: Usable front window diameter

12

Note: upon request customisation is available

Liquid cooled camera housings

When installing a camera in a very hot industrial environment, 129LC and 168LC series are the solution. These series are designed to protect CCTV cameras in extremely hot and harsh environments. These enclosures are formed by two stainless steel tubes close at their ends forming a special chamber that allows water or other cooling liquid to cool down the housing.

The front flange is designed to create an air barrier that cools and protect the front window from dust and deposits, especially useful when the housing is located in foundries, near ovens or other dusty places.

Liquid cooled camera housings

*The **LC Series** features AISI316L Stainless Steel camera housings designed to protect CCTV cameras in industrial high temperature applications and highly corrosive environments.*

Liquid cooled
AISI316L Stainless Steel construction
Germanium or Zinc Selenide front viewing window available
Front air barrier
IP67 Weatherproof standard

Liquid cooled camera housings

Product codes

129LC Series

129LC   Housing (Length=360mm) UW:70

168LC Series

168LC70   Housing (Length=500mm) UW: 70
168LC110   Housing (500mm) UW: 110

Liquid cooled camera housing for visible light. Front window in Borosilicate glass (Borofloat) with high thermical resistance and low thermal expansion. Thickness: 5mm.

UW: Usable front window diameter

129LCIR Series

129LCIRZ70*   Housing (360mm) UW: 70
129LCIRG70**   Housing (360mm) UW: 70

168LCIR Series

168LCIRZ70*   Housing (500mm) UW: 70
168LCIRG70**   Housing (500mm) UW: 70

*   Liquid cooled camera housing for thermal vision. Front window in Zinc Selenide with AR/AR coating. Thickness: 5mm.

**   Liquid cooled camera housing for thermal vision. Front window in Germanium with AR/DLC coating. Thickness: 3mm. Recommended environmental temperature not above 100° C.

UW: Usable front window diameter

Note: upon request customisation is available

Air cooled camera housings

The innovative 129AC Air Cooled camera housing perfectly fits the gap between very hot installations which require a liquid cooled camera housing and standard installations which don't need any cooling system.

The enclosure is entirely manufactured in AISI316L stainless steel, making the 129AC the best solution in hot and harsh environments, where standard aluminium/plastic camera housings would be rapidly damaged by heat and corrosive agents, especially in industrial indoor installations.

Air cooled camera housings

*The **129AC Series** is equipped with a Vortex cooling tube installed on the back, three exhausting check valves on the front cover and an air nozzle to cool down and, at the same time, keep clean the glass from dirt and dust.*

Product codes

129AC Series
129AC*	Housing (Length=360mm)
129ACIR70**	Housing (Length=360mm)

*	Usable front window diameter: 70 mm; Borosilicate window, thickness 5 mm.
**	Usable front window diameter: 70 mm; Germanium window, thickness 3 mm, AR/DLC coating.

Air nozzle is available as an optional for all the models

Note: upon request customisation is available

Stainless steel Pan & Tilt units

VSPT250 Series *Pan & Tilt units has been developed for use in the offshore, marine and industrial installations and in general where corrosive agents can cause a rapid deterioration of a standard aluminum-steel unit.* *VSPT250 Series* *Pan & Tilt units are the perfect companion for 129 series and 168 series camera housings.*

Stainless steel Pan & Tilt units

*Featuring an innovative gearbox system and rugged high torque 24VDC voltage motors, the variable speed **VSPT250 Series** P&T unit offers smooth and precise movements.*

*The **VSPT250 Series** comprises a model with half cable passage on the tilt shaft and a model with full internal cabling and a junction box.*

Stainless steel Pan & Tilt units

Every model is built in AISI316L stainless steel and is IP67 rated. Each version can be supplied with an internal telemetry receiver.

*The **VSPT250-T Series** comprises Pan & Tilt units having the same features of the VSPT250 Series enclosed inside a T-shaped body.*

Stainless steel Pan & Tilt units

VSPT250D *is a Pan & Tilt unit with dual housing, full internal cabling, junction box, electronic limits and equipped with an internal telemetry receiver.*

Product codes

VSPT250 Series

VSPT250	Pan & Tilt unit, variable speed
VSPT250H	Pan & Tilt unit, half cable passage on the tilt shaft, variable speed
VSPT250F	Pan & Tilt unit, full internal cable passage and junction box, variable speed
VSPT250D*	Pan & Tilt unit with dual housing, internal cabling, electronic limits. Standard equipped with *129WW* and *129SHIR70* camera housing and RS485 Pelco D telemetry receiver

VSPT250-T Series

VSPT250-T	Pan & Tilt unit, variable speed, T-shaped body
VSPT250H-T	Pan & Tilt unit, half cable passage on the tilt shaft, variable speed, T-shaped body
VSPT250F-T	Pan & Tilt unit, full internal cable passage and junction box, variable speed, T-shaped body

129WW   *Camera Housing, length=360 mm+Sunshield+Heater+Wiper; usable front window diameter 72 mm; vandal resistant glass front window; thickness 12 mm.*

129SHIR70   *Camera Housing, length=360 mm+Sunshield+Heater; usable front window diameter 70; Germanium front window, thickness 3 mm, AR/DLC coating.*

Note: upon request customisation is available

Washing tanks with pump

When using a camera housing with wiper, an essential part of the system is the washer tank with pump. We produce a wide range of water reservoirs with different pumping height capabilities. Every washer tank is supplied with a stainless steel frame or cabinet and a watertight plastic enclosure that contains the power supply for the self-priming submersible pump located inside the pump.

TecnoVideo
CCTV SYSTEMS AND ACCESSORIES

Washing tanks with pump

*The **WP Series** comprises a wide range of washer solutions. Every Washer System can be supplied with a stainless steel frame or with a stainless steel cabinet and a watertight plastic enclosure for the submersible pump power supply.*

Product codes

WP Series (stainless steel frame)

WP5-5m	5 Litres tank, 5 metres delivery head
WP5-10m	5 Litres tank, 10 metres delivery head
WP10-5m	10 Litres tank, 5 metres delivery head
WP10-10m	10 Litres tank, 10 metres delivery head
WP25-5m	25 Litres tank, 5 metres delivery head
WP25-10m	25 Litres tank, 10 metres delivery head
WP25-15m	25 Litres tank, 15 metres delivery head

WP-SSC Series (stainless steel cabinet)

WP5-10m-SSC	5 Litres tank, 10 metres delivery head
WP10-10m-SSC	10 Litres tank, 10 metres delivery head
WP25-10m-SSC	25 Litres tank, 10 metres delivery head
WP25-15m-SSC	25 Litres tank, 15 metres delivery head

Note: upon request customisation is available

ATEX washer system

*The Tecnovideo **WP10EX** Washer System is composed by a 10 litre reservoir together with an explosion proof solenoid valve contained inside a stainless steel cabinet.*

The airtight reservoir is pressurized using an hand pump. After the tank is charged, the liquid is released by activating the explosion proof solenoid valve.

*The **WP10EX** is designed to be used with Tecnovideo products as well as with third party products.*

ATEX washer system

*The Tecnovideo **WP10EX** Washer System is designed specifically for Hazardous Area applications.*

10 litres reservoir capacity
AISI304L stainless steel reservoir and cabinet
For use in highly corrosive environments
Easy installation and maintenance
Explosion proof ATEX certified solenoid valve

![TecnoVideo logo - CCTV SYSTEMS AND ACCESSORIES]

Mounting accessories

A wide range of mounting accessories for all our camera housings is available. Wall mounting bracket with swivel joint, pole mount and corner mount adapters: all these accessories are designed to allow an easy installation in the most adverse conditions.
All mounting accessories are entirely made in AISI316L stainless steel to guarantee solidity and corrosion resistance.

Mounting accessories

Various mounting brackets and **mounting accessories** *are available to allow our housings and Pan & Tilt to be installed in any position.*

Wall and ceiling mounting brackets, pole and corner mount adaptors and support for LCD monitors are available.

Mounting accessories

All mounting accessories are entirely made in AISI316L stainless steel to guarantee solidity and corrosion resistance.

Product codes

Wall mounting brackets

SSBK129	Wall mounting bracket for 129 Series
SSBK129AC	Wall mounting bracket for 129AC Series
SSBK129CLN	Ceiling mounting bracket for 129 Series
SSBK129LC	Wall mounting bracket for 129LC Series
SSBK168	Wall mounting bracket for 168 Series
SSBK168LC	Wall mounting bracket for 168LC Series
SSBK204	Wall mounting bracket for 204 Series
SSBK254	Wall mounting bracket for 254 Series
SSBK250	Wall mounting bracket for VSPT250 Series
SSBK500	Wall mounting bracket for VSPT250D Series

Corner mount adapters

SSCM101	Corner mount adapter for 101 Series
SSCM129	Corner mount adapter for SSBK129
SSCM129AC	Corner mount adapter for SSBK129AC

Pole mount adapters

SSPM101	Pole mount adapter for 101W series
SSPM129	Pole mount adapter for SSBK129
SSPM129AC	Pole mount adapter for SSBK129AC
SSPM129LC	Pole mount adapter for SSBK129LC
SSPM168	Pole mount adapter for SSBK168
SSPM168LC	Pole mount adapter for SSBK168LC
SSPM204	Pole mount adapter for SSBK204
SSPM254	Pole mount adapter for SSBK254
SSPM250	Pole mount adapter for SSBK250
SSPTM129	Pole top mount with swivel joint for 129 Series

CMTB-LCD series

CMTB-LCD	Steel support for LCD monitors
CMTB-LCD-SS	Stainless Steel support for LCD monitors

28

Note: upon request customisation is available