

VERSO Compact Plastic Polymer Housing with Sunshield

The Italian-made **Verso** has been designed for harsh environments. It is IP66 weatherproof, as well as being flame retardant and resistant to damage from acids, alcohols, hydrocarbons, oils, solvents and UV rays. The housing can withstand a 10% concentration of acids in the area it is installed.

The innovative design allows for easy installation with the housing hinging open for easy camera insertion and adjustment. Optional accessories are available, including integrated 230VAC input camera power supplies, with 12VDC or 24VAC output.

- ⊕ Indoor / Outdoor Installations
- ⊕ IP66 Weatherproof
- ⊕ Flame Retardant V1 (UL94)
- ⊕ Side Opening Housing
- ⊕ 2x PG11 Removable Cable glands
- ⊕ Operating Temp: -20 to 50°C (With Heater)
- ⊕ Techno-Polymer Plastic Construction
- ⊕ Impact resistant K10 according EN 50102 Std.
- ⊕ **Int. Dim:** 210(L) x 63(W) x 63(H) mm
- ⊕ **Ext. Dim:** 400(L) x 134(W) x 106(H)mm



VERSO



12VDC or 24VAC Camera Power Supply

Heater

| MODEL | Description |
|---------------|---|
| E-HPV36K0A000 | 'Short' Verso Housing with Sunshield |
| E-HPV36K2A000 | 'Short' Verso Housing with Sunshield & 12VDC/24VAC Heater |
| E-HPV36K2A015 | 'Short' Verso Housing with Sunshield, 24VAC Heater & Fan |
| E-WBOV | Wall Mount Bracket with internal cable channel |
| E-OHPVPS1 | PSU for installation inside Verso housing (input 100-240VAC / out 12VDC, 1A) |
| E-OHPVPS2 | PSU for installation inside Verso Housing (input 230VAC / out 24VAC, 400mA) |



IP-66

E-LXNWR Plastic Polymer Housing for CS Mount Cameras

Ideal for housing CS mount cameras, the **E-LXNWR** housing is constructed of rugged composite polymer plastic. Featuring O-ring seals, this housing is IP65 weatherproof and ideal for most environments. It features a sunshield and large Lexan viewing window.

The front can be unscrewed for cleaning if needed. This Italian-made housing is most impressive and comes included with an aluminium wall mounting bracket. It is the ideal housing for residential or business premises close to the sea.

- ⊕ **Weatherproof Rating:** IP65 (6 = Dust Tight, 5 = Protected against water from all directions)
- ⊕ **Internal Dimensions:** 68 (W) x 68 (H) x 190 (L) mm
- ⊕ **External Dimensions:** 163 (W) x 150 (H) x 290 (L) mm

| MODEL | Description |
|---------|--|
| E-LXNWR | Plastic Polymer Housing for CS Mount Cameras (supplied with bracket) |



IP-65



E-LXNWL Plastic Polymer Housing for Compact Cameras

The **E-LXNWL** is a small outdoor housing for compact cameras such as the E-AP800 or the compact E-73X1 IP CS mount. Designed for wall mounting, the housing includes a bracket with adjustable swivel. Constructed of plastic polymer the E-LXNWL is suitable for installations in corrosive environments such as the coast.

- ⊕ **Weight:** 0.5 Kg
- ⊕ **Operating Temp:** -10° ~ +50°C
- ⊕ **Internal Dimensions:** 68 (W) x 68 (H) x 120 (L) mm
- ⊕ **External Dimensions:** 105 (W) x 118 (H) x 207(L) mm

| MODEL | Description |
|---------|---|
| E-LXNWL | Plastic Polymer Housing for Compact Cameras (supplied with bracket) |



IP-56



E-H01 Economical Aluminium Housing

Constructed of extruded aluminium with plastic end-caps the **E-H01** housing is suitable for mounting of CS mount cameras when used indoors or outdoors. Outdoors these housings protect the camera against the elements and indoors they protect the camera against damage and dust. The units are cost effective and are suitable for most installations.

- ⊕ **Dimensions:** 388 x 101 x 110 mm

| MODEL | Description |
|--------|---|
| E-H01 | Outdoor Part Plastic Extruded-Aluminium Housing |
| E-BR02 | Low cost Outdoor Wall Mount Bracket for E-H01 |



E-HEB Aluminium Housing for Medium Zoom Lens

Designed to accommodate a CS mount camera with zoom lens, this high quality Italian designed housing is manufactured of extruded and die-cast aluminium. Its innovative opening system allows easy access to the interior. The body and sunshield slide forward, allowing access to the camera. The E-HEB housing can accommodate the E-16Z5516G (7.5-120 mm) motorised zoom lens and the E-6Z0607G (6 - 36mm low light) motorised zoom lens.

- ⊕ Indoor/Outdoor Use
- ⊕ Ideal for mounting on E-PTH-311 side-mounting pan/tilt unit
- ⊕ IP66 Weatherproof rating
- ⊕ Snap-on sunshield
- ⊕ 3 cable glands for external connections
- ⊕ Recommended mounts: E-WBJ (wall mount), E-WCM5 (ceiling mount), E-WFWC (column mount)
- ⊕ **Internal Dimensions:** 90 (W) x 85 (H) x 320 (L) mm

| MODEL | Description |
|-----------|---|
| E-HEB32K1 | Aluminium Housing for CS Mount Cameras with Zoom Lens |
| E-WBJ | Wall mount Bracket |
| E-OHEPS10 | 12VDC@350mA Output PSU |
| E-OHEPS11 | 24VAC@350mA Output PSU |

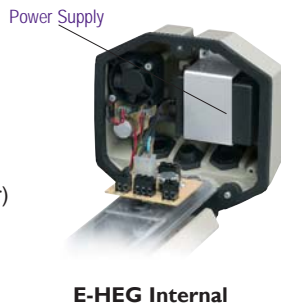


E-HEG Aluminium Housing For Long Range Zoom Lens & Wiper/Washer Unit

The recently re-designed **E-HEG47K2A036** is a large sized rugged aluminium housing is able to accommodate a CS mount camera with large zoom lens, such as our 10-200 mm lens, the E-20Z1025G. The body is made of extruded aluminium and the end-cover of die-cast aluminium. The installation and adjustment of the camera are made easier thanks to the possibility of removing the body, leaving the internal slide in work position for easy operation.

As an option it can be fitted with a wiper, washer & pump unit. This is ideal for extremely dusty environments or in areas such as along the coast, where a housing is needed which one can easily clean. Ease of installation is provided with this housing with ready-fitted connectors and integrated PSU. The E-HEG housing can be utilised for a variety of applications, like traffic and highway monitoring, particularly if coupled with the E-PTH900 Pan/Tilt unit.

- ⊕ Indoor / Outdoor Installations
- ⊕ IP66 Weatherproof
- ⊕ Side Opening Housing
- ⊕ 2x PG11 & 1 P9 Removable Cable glands
- ⊕ Epoxy Powder Coated Aluminium
- ⊕ Stainless Steel External Screws
- ⊕ **Operating Temp:** -20° to 50° C (With Heater)
- ⊕ **Int. Dim:** 295 (L) x 140 (W) x 90 (H) mm
- ⊕ **Ext. Dim:** 430 (L) x 150 (W) x 155 (H) mm



| MODEL | Description |
|---------------|---|
| E-HEG47K2A036 | Housing 365 mm with sunshield & 12VDC/24VAC heater |
| E-OHECF2 | Blower Kit with Thermostat & Air Filter 24VAC (2.5 W) |
| E-VIP6A2 | Wiper 24VAC |
| E-VIP25WAS02 | Tank 25 liters & 24VAC Washer Pump |

E-HEK High Quality Part Plastic Aluminium Housing

The **E-HEK** is an Italian-made weatherproof housing for indoor or outdoor camera installations. It is made of extruded aluminium with plastic front and back.

An innovative design allows for easy camera installation. The housing is first mounted on a bracket. The sunshield and body are then slid forward and hung on a clip on the front of the housing. This then allows access to install the camera and lens on the internal camera sleigh. Various mounting brackets and an internal camera power supply are available. The **E-WBOV** bracket, when fitted to the **E-HEK** housing, allows the cables from the camera to be channeled through the bracket onto the mounted surface. This protects the cable from weather, vandalism and improves the neatness of your installation.

- ⊕ Plastic polymer front and back parts
- ⊕ IP66 Weatherproof rating
- ⊕ Polycarbonate window with scratch-resistant treatment
- ⊕ Weight: 1.7 Kg
- ⊕ Internal Dimensions: 82 (W) x 62 (H) x 260 (L)
- ⊕ External Dimensions: 125 (W) x 117 (H) x 403 (L)



E-WBM4
Bracket with
Mounted Camera

| MODEL | Description |
|------------------|---|
| E-HEK26K0 | IP66 High Quality Part Plastic Aluminium Housing with sunshield |
| E-WBOV | Wall mount Bracket with internal cable channel |
| E-PTCC | Pole mount Adaptor for mounting of wall mount brackets |
| E-OHEPS10 | 12VDC@350mA Output PSU (Screw Terminal Block Connections) |
| E-OHEPS11 | 24VAC@350mA Output PSU (Screw Terminal Block Connections) |

Optional Accessories



E-WBOV
Wall Mount
Bracket



E-PTCC
Pole Mount
Bracket Adaptor



E-WBM4
Ceiling Mount
Bracket



E-WBM5
Ceiling Mount
Bracket



E-OHEPS10
12VDC PSU



E-OHEPS11
24VAC PSU



E-WB0VA3
Wall Mount Bracket With
Junction Box

Internal Cable Channel
Waterproof seal



E-WBOV Bracket

E-AVTPSK Ceiling Mount Vandalproof Camera Enclosure

With CCTV becoming more popular nowadays, the biggest fear the user faces is his camera being damaged or sabotaged. People being monitored will do everything in their power to put your system offline. These housings will help prevent this. Typical applications include use in areas highly exposed such as parking lots, lifts, stairways, transport depots and areas where the camera is positioned low down to the ground.

- ⊕ 3mm Sheet Steel Construction with epoxy powder coat
- ⊕ Vandal resistant polycarbonate glass
- ⊕ Special Key Lock
- ⊕ **External Dimensions:** 390 (L) X 170 (H) X 170 (W) mm



E-AVTPSK
Vandalproof Ceiling Mount
Camera Enclosure

| MODEL | Description |
|-----------------|--|
| E-AVTPSK | Ceiling Mount Vandalproof Camera Enclosure |

E-AVBPH Bulletproof CS Mount Camera Housing

The **E-AVBPH** is an armoured housing constructed of a 10 mm thick extruded aluminium base made of 30 mm thick die cast aluminium with front and rear bottom. An 18 mm bullet proof glass is fixed on the front by means of a iron frame. The armor plating is made of 3 mm stainless sheet steel which covers the base and housing body. The unit is completed with an aluminium sunshield.

A special bracket, the AVBPWP features an internal power and video cables channel which protects the cables from vandalism. It is the ideal product for unmanned or installations of high risk where you need to have a visual of the threat no matter what.

- ⊕ Indoor/Outdoor Use
- ⊕ Thick Extruded Aluminium and Stainless Steel Armor Plating
- ⊕ 18 mm Bulletproof Glass
- ⊕ Epoxypolyester Powder Paints (Grey Colour)
- ⊕ **Internal Dimensions:** 122 x 100 x 330 mm (B x H x L)
- ⊕ **External Dimensions:** 176 x 145 x 560 mm (B x H x L)

Applications

- ⊕ Prisons
- ⊕ Embassies
- ⊕ High Security Residences
- ⊕ Military Bases
- ⊕ Mines and Industrial Plants
- ⊕ Safety Deposit Sites
- ⊕ City Centre CCTV Projects

| MODEL | Description |
|-------------|--|
| E-AVBH2K | Bulletproof Housing with 12VDC/24VAC Heater |
| E-OAVBPHPS1 | 12VDC@400mA Output PSU integrated into housing |
| E-OAVBPHPS2 | 24VAC@400mA Output PSU integrated into housing |
| E-AVBPWBB | Wall Mount Bracket with internal Cable Channel |



E-AVBPH
CS Mount Camera Housing



E-AVBPWBB
Mounting Bracket

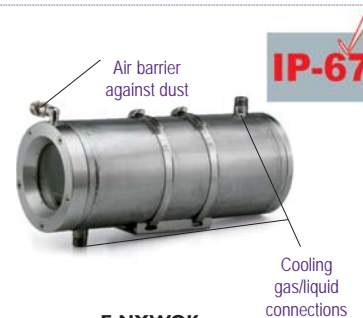
E-NXWOK High Temperature Liquid / Air-Cooled Housing

The **E-NXWOK** is a special liquid- or gas-cooled housing for use in conditions where extremely high temperatures are present (steelworks, foundries, furnaces). Each housing features a cylindrical body constructed with a double weatherproof chamber through which a cooling liquid (or gas) can be circulated.

The housing is closed by means of two extremely thick flanges. Normally constructed with toughened glass, the housing can be supplied with VICOR glass to enable higher temperatures to be achieved. When fitted with the Vicor glass, the housing is able to withstand temperatures of maximum 1300°C on the glass front and 500°C maximum ambient around the body. Another feature of this housing is the integrated air barrier (E-ONXABI) that prevents the formation of dust on the front glass. It is recommended to use a filtered compressor with the air barrier to prevent oil/water particles from contaminating the glass.

- ⊕ IP67 Environmental Rating
- ⊕ External Temperatures (max)
 - 350°C (with std glass)
 - 500 °C (ambient with Vicor Glass)
 - 1300°C (with Vicor Glass & only front exposed to heat)
- ⊕ Dual 1/2" gas cable glands for external connections
- ⊕ O-ring gasket
- ⊕ 12mm thick flanges
- ⊕ AISI 304 stainless steel
- ⊕ **Internal Dimensions:** 78 (W) x 78 (H) x 350 (L) mm
- ⊕ **External Dimensions:** 154 (W) x 164 (H) x 375 (L) mm

| MODEL | Description |
|----------|--|
| E-NXWOK | Water Cooled Stainless Steel Housing with ONXAB air barrier - no glass |
| E-NXWBS | Wall mount bracket for above (stainless steel) |
| E-ONXWTG | Tempered glass for above - 350°C max |
| E-ONXWVG | Vicor glass for above - 1300°C maximum on front |



E-NXWOK



E-NXWBS
Mounting Bracket



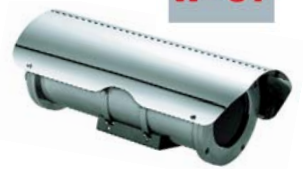
E-ONXABI
Air Barrier Filter

E-NXM2K Stainless Steel Environmental Housing

The **E-NXM1K** is a housing made entirely of AISI 316 stainless steel. It is designed to operate in special environments such as food processing plants, petro-chemical plants, saltwater or highly corrosive environments.

The enclosure is formed by a cylindrical body, closed by two heavy flanges with seals. Power and video cables pass through the back flange by means of two 1/2" gas compression glands. Optional accessories include a detachable sunshield, heater, power supply, stainless steel brackets and an air barrier to prevent dust forming over the viewing glass. Also available is a stainless steel pan and tilt unit (E-NXPTH) which is controllable via one of our PTZ drivers.

IP-67



E-NXM2K

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|---------------------------------|---|
| MODEL | E-NXM2K |
| Dimensions (mm) | 174 (W) x 164 (H) x 460 (L) |
| Internal Dimensions (mm) | 88 (W) x 86 (H) x 245 (L) |
| Weatherproof Rating | IP67 (6 = Dust Tight, 7 = Protected against the effects of immersion) |

| | |
|---------------------|---|
| MODEL | |
| E-NXM2K | AISI316 Stainless Steel Environmental Camera Housing with SunShield & 12VDC/24AC Heater |
| E-ONXPS1 | Camera PSU - 230VAC input - 12VDC output |
| E-OSM5AF | Air Barrier Kit for above |
| E-OSM5FG | Air Filtering Kit for above |
| E-VIPNX1 | 230VAC Wiper Unit for E-NXM2K Stainless Steel Housing |
| E-VIPNX2 | 24VAC Wiper Unit for E-NXM2K Stainless Steel Housing |
| E-VIP25WAS02 | 24VAC Washer/Pump Unit with 25 Litre Tank |
| E-VIP25WAS01 | 230VAC Washer/Pump Unit with 25 Litre Tank |
| E-VIP5WAS01 | 230VAC Washer/Pump Unit with 5 Litre Tank |
| E-NXWBS | Wall Mount Swivel Bracket for above housing |



E-NXWBS
Mounting Bracket

E-NXPTH Stainless Steel Pan/Tilt

This AISI316 stainless steel pan and tilt housing is ideal for industrial, marine or highly corrosive environmental conditions. Other features include preset potentiometers and high quality synchronous motors. Control is via one of our PTZ drivers, such as the E-DMTRX, E-DTRX3 and E-IC310.

IP-67



E-NXPTH

| | |
|----------------------------|---|
| MODEL | E-NXPTH |
| Pan Angle | 335° max (speed: 5°/S, torque:35 Nm) |
| Tilt Angle | 335° max (speed: 2.8°/S, torque: 63 Nm) |
| Max Balanced Load | 40 kg |
| Temperature | -20°C to +55°C |
| Weatherproof Rating | IP67 (6 = Dust Tight, 7 = Protected against the effects of immersion) |
| Dimensions (mm) | 164 (W) x 250 (H) x 254 (L) |

E-CRI-140 Stainless Steel Camera Housing

The **E-CRI-140** is an environmental housing made entirely of AISI 316 stainless steel. It is designed to house cameras which are required to operate in special environments. This includes food processing plants, petro-chemical plants and saltwater or highly corrosive environments. The enclosure is formed by a cylindrical body, closed by two flanges with seals. Power and video cables pass through the back flange by means of two 1/2" metallic cable glands. The E-CRI-140 includes a sunshield, 30W heater and a stainless steel wall mounting bracket. A power supply and air-barrier are available as options.

IP-68



| | |
|---------------------------------|---|
| MODEL | E-CRI-140 |
| External Dimensions (mm) | 152 (W) x 139 (H) x 452 (L) - Size with Sunshield |
| Internal Dimensions (mm) | 78 (W) x 78 (H) x 280 (L) |
| Material: | AISI 316 Stainless Steel |
| Weatherproof Rating | IP68 |

E-CRI-160 Stainless Steel Side Opening Housing

The **E-CRI-160** is a rugged stainless steel camera housing for harsh environments. Entirely constructed of 316 stainless steel the E-CRI-160 comes complete with stainless steel screws and an adjustable wall mounting bracket.

IP-65



| | |
|---------------------------------|-----------------------------|
| MODEL | E-CRI-160 |
| External Dimensions (mm) | 176 (W) x 146 (H) x 550 (L) |
| Internal Dimensions (mm) | 120 (W) x 116 (H) x 150 (L) |
| Material | AISI 316 Stainless Steel |
| Weatherproof Rating | IP65 |

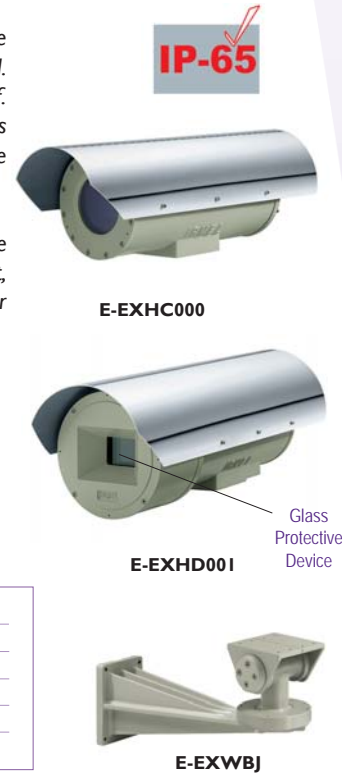
E-EXH Intrinsicly Safe Camera Housings (Explosive-Proof)

These housings have been designed to meet rigorous standards for installation in hazardous areas, where flammable gasses are present. They are both certified according to the CENELEC International Standard. Made of 10 mm strong anti-corrodal stove enamelled aluminium alloy, they are also IP65 weatherproof. The cylindrical body of the housing is closed on both ends by two 12 mm thick flanges and dual 3/4" gas cable glands allow for wiring access. Other features include an internal heater and optional sunshield. The suggested mounting bracket with ball-joint, is the E-EXWBJ.

The E-EXHB000 and E-EXHD001 both feature the same specifications, except in addition, the E-EXHD001 is fitted with a special glass protection device. This gives clear vision in the presence of dust, sand, salt, rain, air pollutions agents, etc. An explosive-proof pan/tilt unit is also available, suitable for these housings.

- ⊕ Indoor or outdoor installations (Weatherproof standard IP65)
- ⊕ Certified IIB or IIC, T6
- ⊕ Stove enamelled RAL7032
- ⊕ **Internal Usable Area (E-EXHC000):** 180 x 380 (L) mm
- ⊕ **Internal Usable Area (E-EXHD001):** 180 x 460 (L) mm

| MODEL | Description |
|------------|---|
| E-EXHC000 | Explosive-Proof Housing with heater |
| E-EXHD001 | Explosive-Proof Housing with glass protective device and heater |
| E-EXHS000 | 640 mm Sunshield for E-EXHB000 |
| E-EXHS001 | 760 mm Sunshield for E-EXHD001 |
| E-EXWBJ000 | Wall bracket with ball-joint |



E-EXPT Intrinsicly Safe Pan/Tilt Unit (Explosive-Proof)

The E-EXPT is a pan/tilt motor designed to operate in explosive environments. The E-EXPT system includes a housing with the same specifications as the E-EXH and an integrated pan/tilt motor. An innovative feature of the E-EXPT is the absence of external wiring rotating between the pan/tilt motor and the camera housing. This solution simplifies the installation and the maintenance. A single multi-core cable, ready wired up, included with the unit, comes out of the base of the pan/tilt through a cable gland.

- ⊕ Protection level: IP65
- ⊕ Horizontal range 360°, for fixed speed: 6°/s; Vertical range: -90°/+90° for fixed speed: 2.4°/s
- ⊕ Equipped as standard with housing heater and preset

| MODEL | Description |
|----------|--------------------------------------|
| E-EXPT | Explosive-Proof Pan/Tilt and housing |
| E-EXPTWB | Wall bracket for E-EXPT |



E-EXDTRX324 Intrinsicly Safe PTZ Driver (Explosive-Proof)

This PTZ driver is for use with our other explosive proof pan/tilt units. The E-EXDTRX324 driver features 17 functions which include presets and alarms. It allows the complete control of the E-EXPT. It's housing is IP 55 rated and is certified EEX IIC T6 allowing installation in flammable or hazardous environments.

- ⊕ 17 functions: UP, DOWN, LEFT, RIGHT, AUTO, WASHER, WIPER, ZOOM TELE, ZOOM WIDE, FOCUS NEAR, FOCUS FAR, IRIS OPEN, IRIS CLOSE, AUX1, AUX2, AUX3, AUX4
- ⊕ Power supplied to the camera: 12VDC max 350mA (AUX1) and 24VAC max 180mA (AUX)
- ⊕ 2 dry contacts: range 1A 24VAC (AUX3, AUX4)
- ⊕ 999 selectable addresses
- ⊕ Serial input selectable between RS232 / Current Loop / RS485

| MODEL | Description |
|-------------|--|
| E-EXDTRX324 | Explosive-Proof Pan/Tilt Unit |
| E-DCJ | Video and PTZ Control Keyboard |
| E-DCTEL | Matrix and PTZ Control Keyboard |
| E-PTH311 | Side Mounting Outdoor Medium Duty Pan/Tilt Unit - 24VAC Operation |
| E-PTH311P | Side Mounting Outdoor Medium Duty Pan/Tilt Unit - 24VAC Operation with Presets |

