

## IP68

## Underwater Enclosures

### Overview and Key Features

Manufactured from a range of materials including 316L stainless steel, aluminium, GRP and rigid polyurethane

Protection Class: IP68 total water protection from 1m to 300m as standard

Custom designs up to 3000m permanent submersion

AutoCAD® 3D, Pro/Engineer® and AutoCAD Inventor® design/software support

In-house water tank, vacuum, pressure and hydrostatic testing to meet depth requirements.



### Applications

Our customer applications for IP68 enclosures are very diverse including: offshore oil and gas, The Thames Flood Barrier, London Olympic Games, weather balloons, river and reservoir beds, special MOD purpose vehicles for underwater use, camera enclosures for counting marine life, underwater lighting enclosures on submersible buoys, lighting junction boxes in swimming pools and fountains and numerous other applications and projects.

### Accessories

Available with mounting plates, external mounting feet, hinged doors, earth studs, viewing windows and a variety of finishes and colours. Cable entries, welded bosses and IP68 cable glands to meet your requirements.

### Dimensions

CE-TEK can design and manufacture IP68 enclosures to any size. Enclosures manufactured from thicker materials for depths up to 3000m are available to special order. Standard enclosure dimensions for shallow depths are listed in the table overleaf: -



River fish counting shallow depth IP68 enclosure



Product Code	Submersion depth (m)	Height mm	Width mm	Depth mm	Horizontal Mounting Centres	Vertical Mounting Centres
CEA12805768	Up to 5m	125	80	57	52	113
CEA12128068	Up to 5m	120	122	80	106	82
CEA22128068	Up to 5m	220	120	80	204	82
CEA26169068	Up to 5m	260	160	90	240	110
CEA36169068	Up to 5m	360	160	90	340	110
CEA20231168	Up to 5m	200	230	110	180	180
CEP12129068	Up to 3m	120	120	90	82	106
CEP22129068	Up to 3m	220	120	90	82	204
CEP26169068	Up to 3m	260	160	90	110	240
CAP0168	Up to 3m	186	151	140	131	166
CAP03168	Up to 3m	302	186	175	166	282
CAP04168	Up to 3m	302	302	175	282	282
CEX15159068	Up to 30m	150	150	90	175	Single strap
CEX30301568	Up to 30m	306	306	150	361	203
CEX48482068	Up to 30m	480	480	203	535	327
CEX60602068	Up to 30m	600	600	210	655	497
CEX97672068	Up to 30m	977	677	211	732	850

Many other sizes are available, please contact our sales team for further information.

