

## CONTROL CABINETS FOR ROAD INFRASTRUCTURE

Discover a new quality of traffic management with our innovative solutions for the highway sector! We specialise in providing advanced control cabinets that play a key role in the effective management of traffic lights, traffic control, as well as in the collection and processing of telemetry data. Our products are designed for maximum durability in difficult outdoor conditions and guarantee the reliability of traffic management systems, which translates into safety and smooth flow on roads.

### Applications:

- Highways and motorways
- Urban intersections
- Tunnels
- Parking lots

### Available materials:

- Galvanised sheet
- Aluminium sheet
- Stainless steel AISI 304 and AISI 316L
- Anti-graffiti painting

### Product strengths:

- Increased corrosion resistance - classes C4 and C5
- Enhanced water and dust tightness - IP 55 and IP 66
- Possibility of installing thermal insulation
- Customisable - design with separation of power, IT and battery compartments
- Metal enclosure in insulation class II possible
- Vibration resistance

## IMPLEMENTED PROJECTS

Radiolex successfully supplies innovative electrical enclosures and switchgear that play a key role in urban infrastructure.

- Discover how our innovative solutions improve the reliability and safety of electrical systems in the tunnel under the Dead Vistula in Gdansk, a key piece of urban infrastructure. Our stainless steel housings are essential for controlling ventilation, power and monitoring systems, ensuring the continuity and efficiency of tunnel operation.
- Tristar Light Signalling System: For around 200 intersections, our aluminium control cabinets are an integral part of this advanced system. It improves traffic flow and road safety.



Acid-resistant enclosures for the tunnel



Electric car charging pole 2x22kW



TRISTAR three-chamber cabinet



## CONTROL CABINETS FOR THE RAILWAY SECTOR

The railway sector is responsible for the transport of passengers and goods on both short and long-distance routes. Investments in high-speed trains are crucial for the development of regions and cooperation in international trade.

Railway standards impose additional obligations on device manufacturers that must be met when designing a product intended for installation in vehicles or on railway lines.

Radiolex's offer includes, among others: external and thermally insulated control cabinets, operator panels, ventilation and heating systems for switchgears and communication systems.

We hold a welding certificate in accordance with EN ISO 3834-2 - Quality requirements for fusion welding of metallic materials - Part 2: Full quality and factory production control requirements for compliance with EN 1090-1 - Principles for conformity assessment of structural components.

The certification process was carried out by the TUV SUD Certification Body and confirmed the fulfilment of the requirements specified in the above standards.

Certification of Factory Production Control is the confirmation of the internal control of the production process, as well as the supervision of the quality and safety level of the manufactured products.



Thermally insulated railway enclosure



Operating console for the control of railway automation and main railway lines



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