

# Infrastructure Field Cabinets

## Steel | Powder Coated

FC

IP66 IK10 (NON-VENTILATED) | IP55 IK10 (VENTILATED)



Field cabinets house sensitive data network and electrical equipment for heavy duty outdoor applications including road/traffic management and intelligent transport systems.



# Features & Specifications

FC

Infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of outdoor applications.

**Protection:** IP66 IK10 (Non-ventilated); IP55 IK10 (Ventilated)

**Standards (& Conformities):**

IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA



**Material:**

- Body and Plinth: 2.0mm galvanised steel sheet
- Doors: 2.0mm galvanised steel sheet
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
- Gland Plate: 3.0mm aluminium
- Enclosure Seal: Polyurethane

**Body:** The robust monoblock body is fabricated using 2.0mm galvanised steel sheet. The body is fitted with rain hood/sunshield, plinth, vent hoods and 4xlifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A 3.0 mm galvanised steel split gland plate is also incorporated into the bottom face. Four cutouts 125mmx125mm are provided to house fans and filters and each are covered with removable vent hoods. Precision automated manufacturing equipment ensures accuracy and consistent high quality. (Fans and filters and ordered separately).

**Doors:** The front and rear doors are fabricated using 2.0mm galvanised steel sheet and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are designed for a 110° opening and are provided with heavy duty door stays.

**19" Data Rack Rails:** Front and rear 19" data rack rails are fabricated from 1.5mm galvanised steel sheet.

**Door Seals:** A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

**Locks:** Each door includes a 3 point locking system with key-lock swing handle. Optional locking including half euro keyed as required, restricted keys, Bilock, etc. (IP-453522-T33 & IP-453522-0-T33 Single point lock with swing handle)

**Gland Plate:** 3mm aluminium split gland plates are incorporated into the base.

**Surface Treatment:** UL approved AkzoNobel polyester powder coated with a smooth gloss finish, 80-120 micron average thickness, providing excellent exterior durability and colour retention.



**SINGLE BAY**

Ventilated		Weight	Non-Ventilated		Weight	Description
Part Number/SKU	Part Number/SKU	Kg	Part Number/SKU	Part Number/SKU	Kg	U/RU H x W x D
IP-1077562-T33	IP-1077562-WGN	113	IP-1077562-0-T33	IP-1077562-0-WGN	102	18RU 1075H x 750W x 620D
IP-1077580-T33	IP-1077580-WGN	130	IP-1077580-0-T33	IP-1077580-0-WGN	118	18RU 1075H x 750W x 800D
IP-1377562-T33	IP-1377562-WGN	131	IP-1377562-0-T33	IP-1377562-0-WGN	119	24RU 1375H x 750W x 620D
IP-1377580-T33	IP-1377580-WGN	149	IP-1377580-0-T33	IP-1377580-0-WGN	137	24RU 1375H x 750W x 800D
IP-13775100-T33	IP-13775100-WGN	169	IP-13775100-0-T33	IP-13775100-0-WGN	157	24RU 1375H x 750W x 1000D
IP-1677562-T33	IP-1677562-WGN	138	IP-1677562-0-T33	IP-1677562-0-WGN	126	30RU 1675H x 750W x 620D
IP-1677580-T33	IP-1677580-WGN	158	IP-1677580-0-T33	IP-1677580-0-WGN	146	30RU 1675H x 750W x 800D
IP-16775100-T33	IP-16775100-WGN	179	IP-16775100-0-T33	IP-16775100-0-WGN	167	30RU 1675H x 750W x 800D
IP-1977562-T33	IP-1977562-WGN	165	IP-1977562-0-T33	IP-1977562-0-WGN	155	36RU 1975H x 750W x 620D
IP-1977580-T33	IP-1977580-WGN	181	IP-1977580-0-T33	IP-1977580-0-WGN	175	36RU 1975H x 750W x 800D
IP-19775100-T33	IP-19775100-WGN	210	IP-19775100-0-T33	IP-19775100-0-WGN	198	36RU 1975H x 750W x 1000D
IP-2277562-T33	IP-2277562-WGN	183	IP-2277562-0-T33	IP-2277562-0-WGN	171	42RU 2275H x 750W x 620D
IP-2277580-T33	IP-2277580-WGN	200	IP-2277580-0-T33	IP-2277580-0-WGN	171	42RU 2275H x 750W x 800D

**DOUBLE BAY**

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-10715062-T33	IP-10715062-0-T33	2 x 18RU (36RU) Field Cabinet 1075H x 1500W x 620D
IP-10715080-T33	IP-10715080-0-T33	2 x 18RU (36RU) Field Cabinet 1075H x 1500W x 800D
IP-13715062-T33	IP-13715062-0-T33	2 x 24RU (48RU) Field Cabinet 1375H x 1500W x 620D
IP-13715080-T33	IP-13715080-0-T33	2 x 24RU (48RU) Field Cabinet 1375H x 1500W x 800D
IP-16715062-T33	IP-16715062-0-T33	2 x 30RU (60RU) Field Cabinet 1675H x 1500W x 620D
IP-16715080-T33	IP-16715080-0-T33	2 x 30RU (60RU) Field Cabinet 1675H x 1500W x 800D