



ACTIVE BOXES CITY D1 HEMERA CITY

HEMERA City outdoor box with PoE+/PoE++ optical switch for CCTV and security networks

BENEFITS

- This box supports all types of installation: wall mounting, cable chamber (compatible with L1T type chambers), top of mast or tower, as well as indoors.
- The box's construction material allows it to be easily painted for compatibility with surface installation at historical sites.

APPLICATIONS

This type of box is particularly recommended for connecting terminals such as video surveillance cameras, WiFi access points, access control terminals, digital signage, etc.

The outdoor connection box ensures optical fiber connection, switching and power management (circuit-breaker + 54V power supply).

GENERAL CHARACTERISTICS

The box is standard equipped with:

- 1 connection cassette - 4 fibers G657A2
- 1 DIN rail
- 1 cable anchor plate
- 2 cable glands PG11
- 1 plate for pole and façade mounting
- 1 6A circuit breaker
- 1 54V 60W power supply
- 1 switch according to reference (see characteristics table)
- 1 cable gland PG16
- 1 slot PG13

MAIN CHARACTERISTICS

| CARACTÉRISTIQUES | UNITÉ | VALEUR |
|------------------------------------|-------|---------------------------------|
| Overall outside dimensions (HxLxD) | mm | 100x410x120 |
| Usable inside dimensions (HxLxD) | mm | 75x260x100 |
| Weight | g | 1700 |
| Color | RAL | 7035 (gris) (surface peignable) |
| Mechanical resistance | IK | 10 |
| Waterthighness | IP | 67 |
| Operating temperature | °C | -20 / +50 |
| Cable glands | | 1 PG16 + 2 PG11 + 1 PG13 |

Nota : the box is provided without SFP , they have to be ordered separately

ELECTRICAL

| CARACTERISTICS | VALUES | |
|-----------------------|--|--|
| DIN Rail | 1 rail DIN largeur 75 mm en partie haute | |
| Equipment fixation | Numerous screwing slots available at the bottom of the box | |
| | Cassette with 4 slots for splicing | |
| Electrical protection | Circuit breaker 230 VAC – 6 A | |
| | IO1186301119 | IO1186301118 |
| Power supply | 54 VDC – 60 W | 54 VDC - 60 W |
| Convertor / Switch | 1 port SFP 100/1000 Mbits 1 port RJ45 10/100/1000 Base-T PoE++ IEEE 802.3bt operating temperature : -20 / +60°C | 2 ports SFP 100/1000 Mbits 2 ports RJ45 10/100/1000 Base-T PoE+ IEEE 802.3at – Pmax 50 W (total power budget) operating temperature : -20 / +50°C |
| Dry contact | No | Yes |

RANGE

| REFERENCES | | |
|--|--------------|----------------|
| PRODUCT | ITEM CODE | FORMAT |
| HEMERA City Box with 2SFP 2RJ45 PoE+ switch + dry contact | IO1186301118 | Individual box |
| HEMERA Cty Box with 1SFP 1RJ45 PoE++ Convertor | IO1186301119 | Individual box |

| OTHER PRODUCTS IN THE RANGE | |
|---|-----------|
| PRODUCT | ITEM CODE |
| Cable Input Cover HEMERA City Box | IB1636 |
| SFP Gigabit 1000BaseLX Single-Mode LC Duplex 1310nm 10 km with diagnostics + extended temperature class -40°C/+85°C | IB2030 |
| SFP Gigabit 1000BaseSX Multimode LC Duplex 850nm 550 m with diagnostics + extended temperature class -40°C/+85°C | IB2036 |
| 4 p. F/UTP Cat6A - In/Out - LSOH | R7690A |

NORMS AND STANDARDS

GENERAL



RECOMMENDATIONS

Box installation

Box Installation Configurations



Inside of tower



Façade



Front with cover



Top of tower



Installation in cable chamber (L1T)



Painted version for surface mounting
(for example on a tower at a historical site)