

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

FABRICATION FRANÇAISE

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)