

ASTREO

Full functionality retail terminal
with easy-to-use customer interface



Coin change
and recycling

Reliability
assured

Flexible
and configurable



ASTREO

General design

Casing : secure access to the coin circuit and cashbox, multipoint locking system, anti-corrosion, anti-graffiti and anti-UV treatment
Optional rear access for maintenance
Dimensions (HxWxD) : 1,800 x 900 x 560 mm - Total weight : 360 kg on average (depending on configuration)
Operating conditions : from - 20°C to + 50°C at 90% HR - heating/ventilation device to control the temperature inside
Indoor or outdoor installation, with or without shelter
Scalable design : possibility to integrate other card readers
CPU :

- Industrial rackable PC with a dedicated security alarm board (watchdog)
- Offset plug integrating monitoring and communication functions

EN 60-950 / CE marking

User Interface

LED colour touch screen (up to 15", brightness up to 1,500 Cd/m²) or selection knob available with the 10" screen
Unique bowl for tickets and coins
Options : multilingual, audio assistance, dedicated space for advertising on screen

Accessibility

CEMT (EU), COLIAC (France), DDA (UK), ADA (USA), STI interoperability directives

Payment

Coins : recycling circuit, change return with up to 5 recyclers, capacity of around 500 coins each
Banknotes : reader and changer (up to 4 recyclers), banknote acceptance in 4 directions
Bank payment : MPA 5.2, EMV 2000, AFAS, PCI PED
Option : e-purse

Power supply

Mains 230 VAC (-20% / +15%)
Mains power back-up : 2 batteries to complete and save the transactions in case of mains power failure
Power consumption : 230 W max (heating off) - 2,350 W max (heating on)

Tickets

Receipts : thermal printer - Paper roll of 4,500 receipts
Printing and encoding of transport tickets :

- Thermal paper / text, 2D barcodes or magnetic stripe encoding
or contactless encoding (contactless tickets : CTS512, SRT512, Mifare UL, SRX4K, CTM512...)
or mixed text, magnetic stripe and contactless encoding
- Encoding and distribution of contactless smartcards, storage of 500 cards in a secured column
- Format of cards / tickets : TFC.0 (Edmonson) & TFC.1 (ISO), compliant with ISO/CEI 15457-1 standard
- Contactless technology : ISO 14443 type A, B et B'
- Encoding standards : Intercode I, II and 2008, Intertic rev2, ITSO
- 2D barcodes reading
- Roll or sheet storage, up to 4 different stocks (10,000 tickets max)

Communication

Ethernet, ADSL, Wi-Fi, GPRS/3G, FTP, TCP/IP standard protocols

Environment

More than 95% recyclable - European directives - RoHS and WEEE

GALEXIO

Comprehensive functionality at an affordable price



Intuitive
interface

Fully
weather-proofed

Fast
transactions



GALEXIO

General design

Casing : highly secure access and multipoint locking system, anti-corrosion, anti-graffiti, anti-UV treatment
Dimensions (HxWxD) : 1,800 x 650 x 420 mm
Total weight : 215 kg approx, depending on internal configuration
Operating conditions : from – 20°C to + 50°C at 90% HR - heating/ventilation device to control the temperature inside
Indoor or outdoor installation, with or without shelter
CPU :

- Industrial rackable PC with a dedicated security alarm board (watchdog)
- Offset plug integrating monitoring and communication functions

EN 60-950 / CE marking

User Interface

User interface in a niche
Colour touch screen (different sizes, up to 15" – variable brightness up to 1,500 Cd/m²)
Unique bowl for tickets and coins
Options : multilingual, audio assistance (dynamic voice synthesis), access with headphone jack, dedicated space for advertising on screen

Accessibility

CEMT (EU), COLIAC (France), DDA (UK), ADA (USA), STI interoperability directives

Payment

Coins:

- Recycling for 5 types of coins (from 60 to 90 coins per type)
- Up to 3 extra storage spaces with the capacity of about 500 coins each, according to the types chosen

Banknotes : acceptance in the 4 directions
Bank payment : MPA 5.2, EMV 2000, AFAS, PCI PED

Power supply

Mains 230 VAC
Mains power back-up : 2 batteries to complete and save the transactions in case of mains power failure
Power consumption : 230 W max (heating off) - 1,200 W max (heating on)

Tickets

Receipts : thermal printer - Paper roll of 4,500 receipts
Printing and encoding of transport tickets :

- Thermal paper / text, 2D barcodes or magnetic stripe encoding
or contactless encoding (contactless tickets : CTS512, SRT512, Mifare UL, SRX4K, CTM512...)
- or mixed text, magnetic stripe and contactless encoding
- Format of cards / tickets : TFC.0 (Edmonson) & TFC.1 (ISO), compliant with ISO/CEI 15457-1 standard
- Contactless technology : ISO 14443 type A, B et B'
- Encoding standards : Intercode I, II and 2008, Intertic rev2, ITSO
- 2D barcodes reading
- Roll or sheet storage, up to 3 different stocks (6,000 tickets max)

Communication

Ethernet, ADSL, Wi-Fi, GPRS/3G, FTP, TCP/IP standard protocols

Environment

More than 95% recyclable - European directives – RoHS and WEEE