



# ASTREO

**FULL FUNCTIONNALITY RETAIL  
TERMINAL WITH EASY-TO-USE  
CUSTOMER INTERFACE**

- Reliability assured
- Coin change and recycling
- Flexible and configurable

# ASTREO

## MAIN FEATURES

CONCEPTION GÉNÉRALE	
<b>CASING</b>	<ul style="list-style-type: none"> <li>Secure access to the coin circuit and cashbox, multipoint locking system, anti-corrosion, anti-graffiti and anti-UV treatment</li> <li>Optional rear access for maintenance</li> </ul>
<b>DIMENSIONS AND WEIGHT</b>	<ul style="list-style-type: none"> <li>Dimensions (HxWxD) : 1,800 x 900 x 560 mm</li> <li>Total Weight : 360 kg on average (depending on configuration)</li> </ul>
<b>OPERATING CONDITIONS</b>	<ul style="list-style-type: none"> <li>From - 20°C to + 50°C at 90% HR -</li> <li>Heating/ventilation device to control the temperature inside</li> <li>Indoor or outdoor installation, with or without shelter</li> </ul>
<b>SCALABLE DESIGN</b>	Possibility to integrate other card readers
<b>CPU</b>	<ul style="list-style-type: none"> <li>Industrial rackable PC with a dedicated security alarm board (watchdog)</li> <li>Osset plug integrating monitoring and communication functions / CE marking</li> </ul>



USER INTERFACE	
<b>SCREEN</b>	LED colour touch screen (up to 15", brightness up to 1,200 Cd/m²)
<b>BOWL</b>	Unique bowl for tickets and coins
<b>OPTIONS</b>	Multilingual, audio assistance (dynamic voice synthesis) access with headphone jack, dedicated space for advertising on screen
ACCESSIBILITY	
<b>COMPLIANCE</b>	Standards compliance CEMT (EU), DDA (UK), ADA (USA), STI interoperability directives
PAYMENT	
<b>COINS</b>	Recycling circuit, change return with up to 5 recyclers, capacity of around 500 coins each
<b>BANKNOTES</b>	<ul style="list-style-type: none"> <li>Reader and changer (up to 4 recyclers)</li> <li>Banknote acceptance in 4 directions</li> </ul>
<b>BANK PAYMENT</b>	Chip & Pin, and contactless
POWER SUPPLY	
<b>MAINS</b>	230 VAC (or 120 VAC)
<b>MAINS POWER BACK-UP</b>	2 batteries to complete and save the transactions in case of mains power failure
<b>POWER CONSUMPTION</b>	<ul style="list-style-type: none"> <li>240 W max (heating off)</li> <li>2,000 W max (heating on)</li> </ul>
TICKETS	
<b>IMPRESSION ET ENCODAGE DES TITRES DE TRANSPORT</b>	<ul style="list-style-type: none"> <li>Tickets ( Delivery / Reading / Reloading )</li> <li>Paper tickets / QR-Code /Receipt (Paper roll of 4500 tickets)</li> </ul>
<b>CONTACTLESS TICKETS</b>	<ul style="list-style-type: none"> <li>Contactless tickets or magnetic ticket (Fan fold or paper rolls : capacity 6000 tickets max)</li> <li>Anonymous contactless cards (Secured column : capacity = 500)</li> <li>Reading &amp; Reloading of contactless media</li> <li>Reading of QR-Code (1D &amp; 2D) by Barcode reader</li> </ul>
COMMUNICATION	
<b>CONNECTION</b>	<ul style="list-style-type: none"> <li>Ethernet</li> <li>ADSL</li> <li>Wi-Fi</li> <li>3G/4G</li> <li>FTP, TCP / IP standard protocols</li> </ul>
ENVIRONMENT	
<b>ECOLOGY</b>	<ul style="list-style-type: none"> <li>More than 95% recyclable</li> <li>European directives – RoHS and WEEE</li> </ul>