

Astro™ ACCESS CONTROL SYSTEM

Stand-alone access control system

Astro™ is Keyprocessor's web-based stand-alone access control system. The system can be programmed locally, but also remotely. Astro™ is suitable for a single-gate setup (with one or two readers), a double-gate setup, or for operating a barrier or turnstile. It can be combined with a wide range of

Microsoft® Internet Explorer installed. Naturally, Astro™ offers the possibility to record a transaction. Past transactions can be reviewed via the browseable interface.

Including anti-pass-back function

Many end users want to prevent cardholders from passing back their card to the person behind them.

Access rights

The user can set up to five different time zones. In some cases it is practical to automatically open a door or barrier at certain times of the day. This is arranged through a system of freely adjustable latch groups. Astro™ furthermore offers the possibility to handle different or limited access during holidays.

System expansion possible

Keyprocessor's technology is developed on the basis of "guaranteed expansion with no loss to investment". This is also the case with the Astro™ system. It can easily be upgraded to the Athena access control system, or even Keyprocessor's iProtect™ security management system.



reader technologies, including the highly advanced Mifare® proximity technology.

Easy management

Astro™ is distinguished by a unique 'browseable' HTML interface. The system can be programmed and managed on location, for instance on a laptop computer, the only requirement being that it has

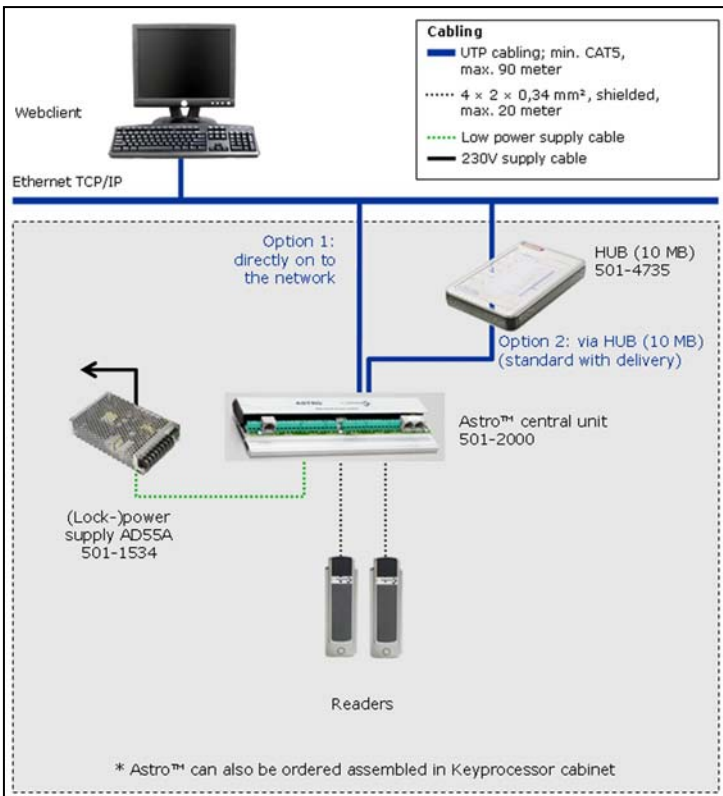
The anti-pass-back function makes this impossible. Astro™ is one of the few systems in this sector to offer this facility, because it allows for two readers to be connected to the access control system. If the system uses a single reader, it is possible to prevent the passing back of (certain) cards by switching on the timer-based anti-pass-back function.

Astro™

- Based on web interfacing.
- Stand-alone access control.
- Suitable for 800 keys.
- Can operate barriers and turnstiles.
- Anti-pass-back function and timer-based anti-pass-back function.
- Can be programmed on location.
- Extensive choice of reader technologies.
- Upgradeable to the Athena and iProtect™ systems.

TECHNICAL SPECIFICATIONS

Casing	
Version	Aluminium extrusion profile. Electronic components cased in PUR synthetic resin.
Dimensions	240 x 90 x 30 mm (L x B x H).
Installation	Click to 35 mm rail, according to NEN-EN 50022.
Power supply	
Voltage in	8 to 28 Volt DC (can be supplied by power supply).
Voltage out (for the readers)	5 Volt DC.
Max. current scanner	200 mA.
Power usage	Max. 500 mA at 12 Volt. Max. 260 mA at 24 Volt.
Environment	
Temperature	-20 °C to +60 °C.
Humidity	0–90% (non-condensing).
Readers	
Reader types	<ul style="list-style-type: none"> Mifare® SL-4 Magnetic card PX007B (HITAG™)
Number of readers	Max. 2 readers per Astro™.
Data exchange	
Inputs	2 digital reader inputs with reader LED driver. 8 digital inputs.
Outputs	4 digital outputs. 2 higher power outputs (1A, 28 Volt DC).
Status indication	21 LEDs for data exchange and output status. Buzzer.
Communication ports	1 Ethernet port (RJ45) for connecting to TCP/IP network (10Mbps). 1 RS232 diagnostic port. 1 RS422/ profibus port for connecting to Stellar in the case of an upgrade to Athena or iProtect™. Optional: 10/100 Mbps HUB.



Subject to change.

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