ESE-AX610-01

Automatic Vehicle Access Barrier System

The ESE automatic gantry barrier is designed for reliable vehicle access control at carparks, residential developments, commercial buildings and industrial facilities. Combining durable construction with intelligent control, it delivers smooth, safe and efficient operation for a wide range of access management applications.



KEY FEATURES

- ✓ **Smooth and stable operation**
  Reliable DC motor system for consistent performance.
- ✓ **Durable heavy-duty cabinet**
  Rugged and weather-resistant design for long service life.
- ✓ **Adjustable boom opening and closing speed**
  0.8 - 3.0 seconds, to suit different applications.
- ✓ **LED indication**
  Clear visual status with LED light at cabinet top.
- ✓ **Anti-crush / anti-fall safety protection**
  Supports loop detector and anti-fall radar for enhanced safety.
- ✓ **Manual release for emergency operation**
  Easy manual release during power failure.
- ✓ **Suitable for indoor and outdoor access points**
  Designed for carparks, estates, commercial and industrial sites.
- ✓ **Elegant ESE-branded finish**
  Signature yellow cabinet with ESE logo for a professional look.

APPLICATIONS


Residential Carpark Entrance


Commercial Building Driveway


Loading / Service Access


Vehicle Control Points

SAFE & RELIABLE
Advanced safety features for peace of mind

SMOOTH OPERATION
Consistent and quiet performance

INTELLIGENT CONTROL
Flexible integration with access control systems

PREMIUM QUALITY
Trusted design for long-term reliability

TECHNICAL DATA

Parameter	ESE-AX610-01
Motor type	DC24V motor
Motor power	150W
Boom length	4 - 4.5 m
Opening / closing speed	0.8 - 3.0 s (adjustable)
Housing dimensions (W x D x H)	320 x 240 x 980 mm
Housing thickness	1.5 mm
Operating temperature	-35°C to +80°C
Humidity	≤ 90% non-condensing
Remote distance	30 m
Altitude	≤ 1000 m
Power supply / control	Standard barrier controller AC 220V, 50/60Hz
Protection features	• Loop detector open & anti-fall • Anti-fall radar for human/bicycle protection • Safety MCB • Manual release

EFFICIENT VEHICLE ACCESS

ENHANCED SAFETY PROTECTION

IDEAL FOR MULTIPLE ENVIRONMENTS

TRUSTED SOLUTIONS FOR A SMARTER TOMORROW

INSTALLATION VIEWS



Boom lowered position (Barrier closed)



Boom raised position (Barrier open)

PRODUCT NOTE

The ESE gantry barrier is suitable for residential estates, offices, commercial buildings, warehouses, industrial facilities and other controlled vehicle entry points. It provides a reliable, safe and efficient solution for modern access management needs.