

AETS DC PRO GATE BARRIER.

“Reliable Heavy-Duty Very Intensive Use”

AETS DC Pro Barrier – an advanced and highly reliable solution for your access control needs. Renowned for its superior performance and durability, the AETS DC Pro Barrier is one of the best in its class. Whether you're looking for a barrier system for commercial, industrial, or residential use, this product delivers exceptional value with the following key benefits:

High Durability: Built to withstand heavy usage and harsh environmental conditions, ensuring longevity and minimal maintenance.

Advanced German Technology: Features the latest in automation and control, providing seamless and efficient operation with Servo DC Motor.

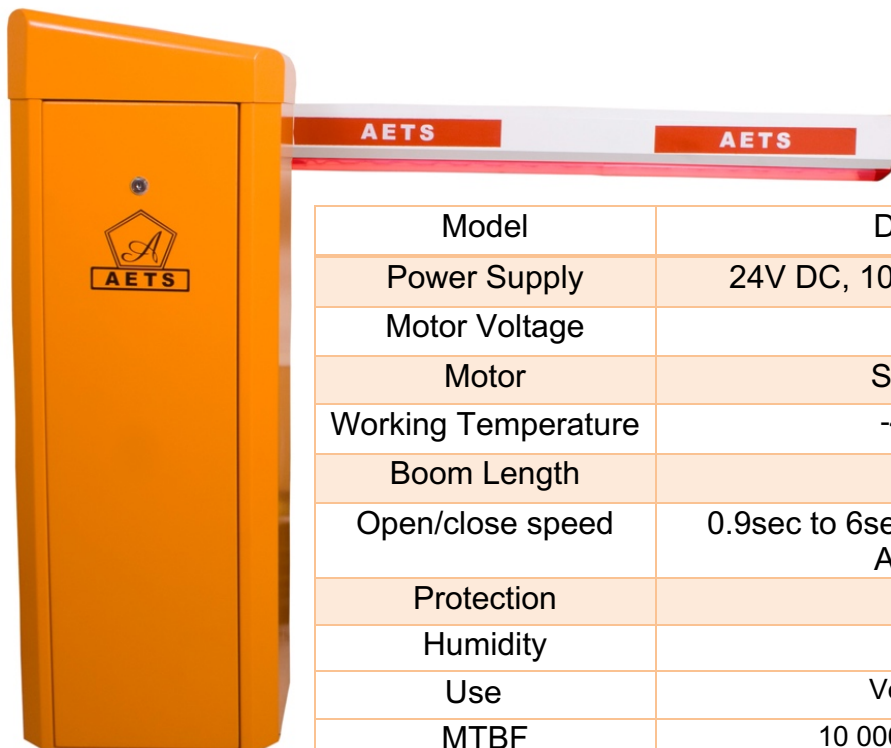
Energy-Efficient: With a Servo DC motor, the system offers low power consumption, making it both eco-friendly and cost-effective

Fast and Smooth Operation: The barrier operates with impressive speed, minimizing traffic disruptions while ensuring smooth access.

Robust Safety Features: Equipped with safety sensors and reliable security features to ensure safe and secure operations.

Versatile Design: The AETS DC Pro Barrier can be easily integrated with various access control systems and is ideal for locations requiring high traffic management.

Long Lifespan: AETS DC Pro Barrier have long operational lifespans and minimal maintenance.



Model	DC PRO 36
Power Supply	24V DC, 100/240V AC, 50/60Hz
Motor Voltage	24V DC
Motor	Servo Motor
Working Temperature	-45°C~+65°C
Boom Length	4M,6M
Open/close speed	0.9sec to 6sec adjustable based on ARM length
Protection	IP55
Humidity	≤90%
Use	Very Intensive
MTBF	10 000 000 Times

A servo motor is a type of electric motor that is used to precisely control the position, speed, and acceleration of mechanical systems. Unlike standard motors, which may only operate at a constant speed or with less control, servo motors are designed for high precision and can be controlled with great accuracy.

Closed-Loop Control: Servo motors operate in a closed-loop system, meaning they are constantly receiving feedback from a sensor (usually an encoder or a potentiometer) about their position, speed, and other performance metrics. This feedback allows the motor to adjust its output to meet the desired target.

Speed and Torque: Servo motors provide high torque at low speeds and can maintain that torque across a range of speeds, which is essential in many precision applications.

Efficiency: Servo motors are generally more efficient than standard motors, particularly in applications where precise motion control is necessary over extended periods.

Low Maintenance: Servo motors require significantly less maintenance over their lifespan. This is especially beneficial for devices that need to operate for long periods without regular maintenance.

Advanced Safety Features:

Anti-Collision Protection: The gate barrier system is equipped with advanced safety features, such as sensors and anti-collision technology, ensuring safe operation even in crowded or high-traffic areas.

(When the vehicle hits the gate arm, arm can be swing out to avoid damage to the vehicle and barrier gate.)



Obstacle Detection: Integrated sensors immediately detect any obstacles in the gate's path and automatically reverse or stop the motion to prevent damage or injury, ensuring a safe and smooth user experience.

Arm Auto Reverse



Built in smart collision detection technology allows arm to auto reverse when hit with an obstacle during closing to prevent further scratches & dents on the vehicle. Optional photo beam allows arm to auto reverse earlier before hitting the vehicle..Optional rubber lining to protect the vehicle from further damages

Emergency Manual Override: In the event of a power failure or malfunction, the gate barrier features a manual override mechanism that allows for quick and easy access.

Optional Led Light on ARM, Open Green & Close Red.



Quality Assurance: All our gate barrier products are Manufactured using premium quality materials and Undergo rigorous testing to ensure durability, reliability, and performance.

