



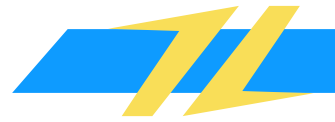
# Boom Barrier

## BM-DCT04



### Function & Features

1. DC brushless motor with frequency conversion control, allows for a smooth travel of boom.
2. Superior performance, which utilizes the updated electronic control and machinery processing technology, it has high control precision, high torque density, good torque balance, low power consumption, high efficiency, less heat and low noise.
3. Bi-direction boom holder design: left- installation and right-installation can be exchanged easily and quickly.
4. Three tension spring crank transmission design, for more stable and reliable structure. (patented technology)
5. No limit switch design, accurate encoder detection, detecting boom position when power on. And open/close speed is adjustable.



6. More sensitive and reacting faster when reversing on obstacles.
7. With counting, delay auto-closing, auto-aging test, alarm when lifting boom without permission, motorcade passing function.
8. LCD display controller, more humanized operation and setting.
9. NO/NC wire control signal input are optional.
10. Integrated RS485 communication, infrared photocell, loop detector interface, radar module and more secondary development.

## Technical Data

Item / Model	BM-DCT04
Running Speed	( 0.4~0.9s adjustable)
Boom Type	Carbon Steel Straight, 90° Folding 180° Folding
Max Boom Length	6 Meter
Input Voltage	AC220V±10%, AC110V±10%, 50/60HZ
Motor Voltage	DC24V
Enclosure Rating	IP54
Working Temperature	-35C-+85°C
MTBF	10,000,000 times
Duty Cycle	100%
Traffic Flow Application	24 hours uninterrupted operation
Max Motor Power	300W
Max Motor Speed	90r/min
Max Torque	480N.m