

Integrated Controller

The new controller platform that seamlessly integrates all Doosan robots, delivering enhanced speed and performance for more versatile applications.



*CS-11P (with controller case)



*CS-11

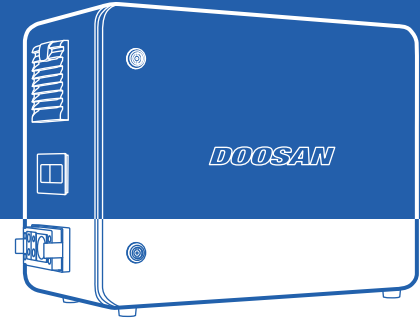
Integrated Controller

Model	CS-11 (AC)	CS-12 (DC)	CS-11P (AC)	CS-12P (DC)
Dimensions	455(W) X 185(D) X 225.5(H) mm		606(W) X 306.9(D) X 446(H) mm	
Weight	9.8 kg	9.6 kg	21.7 kg	21.5 kg
Material	Zinc Plated Steel		Zinc Plated Steel	
Protection Rating	Not Rated	Not Rated	IP54	IP54
Compatible Robot Models	H-SERIES / M-SERIES / A-SERIES / E-SERIES			

*Product appearance may vary to improve performance

Doosan Robotics

Integrated Controller Features



Optional Models

- Four model options available to meet a variety of needs:
AC or DC power, and *Protected or OEM version. (*with controller case)

Usability



- Boot time is approximately **2x faster** than competitors' products

*Avg boot time of competitive products: approx 78 seconds

- **5x improvement in SBC Performance**

Smooth UI transitions and instant jog response.

- **One-Touch Servo On/Off**

Servo On/Off possible on any screen.

- **New OSSD Input for Additional Safety**

Featuring a spare input port to which additional equipment can be connected. (e.g. light curtain)

Dart-Suite Software Platform

Our new robot ecosystem that allows both developers and users to easily utilize and program collaborative robots.



- **Dart-Platform 3**

Robotic module that enables you to manipulate your robot on a variety of operation systems. (Windows OS, Mac OS, Android OS)

- **Dart-Services**

A service program that allows you to run Dart-Platform 3 without a physical robot and controller. Users can modify code virtually.



IP54 Protection Rating

- Protected against dust ingress and water splashes with the use of a controller case.