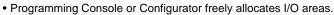
## I/O Link Unit

# C200HW-DRT21

## Ideal for Adding Advanced Functionality to Slaves or for Distributed Control

- Intelligent DeviceNet Slave.
- Supports I/O and message communications.
- Maximum I/O area size:
  512 input points (32 words)
- 512 output points (32 words)





## **Ordering Information**

Name	Maximum I/O points	Model
I/O Link Unit (for CS1, C200HX/HG/HE)	512 inputs, 512 outputs (1,024 points in total)	C200HW-DRT21

## **General Specifications**

Communications power supply voltage	11 to 25 VDC
Current consumption	Communications power supply: 45 mA max. Internal circuit power supply: 250 mA max. at 5 VDC
Maximum I/O points	512 input points (32 words) 512 output points (32 words)
Default area	Write area (linking with Master's write area): 1 word out of 350 IR words Read area (linking with Master's read area): 1 word out of 50 IR words
No. of connectable Units	10 max. (CS1/C200HX/HG/HE CPU Unit handles up to 880 I/O points)
	16 max. (CS1/C200HX/HG/HE CPU Unit handles more than 880 I/O points)
Weight	250 g max.

## **Function Specifications**

## Settings (Slave)

	Function		A write area block and a read area block can be freely allocated to any areas or addresses respectively
	Allowable setting area		Both read and write areas can be allocated to IR, DM, HR, AR, LR, T/C, and EM areas
	First address Area size		A readable or writable area by word (with some restrictions)
			Set in 1-byte increments up to 64 bytes for both read and write areas
٠		Configurator	Refer to the <i>DeviceNet Configurator Operation Manual</i> (W328).
	Setting method	Programming Console	Write the set value to I/O setting area allocated to the Special I/O Area.     Turn ON the software switch allocated to the Special I/O Area and write the settings.     Turn the Programming Console OFF and ON or reset the AR area.

#### Message Communications

Function	Supports messages that can be written to or read from the CS1/C200HX/HG/HE's user I/O areas (i.e., IR, DM, HR, AR, LR, T/C, and EM areas)
Master	OMRON's Master Unit or compatible unit from Rockwell
Max. message size	Slave (C200HW-DRT21) 200 bytes per READ or WRITE command

## **Dimensions**

35 x 130 x 101 mm (W x H x D)

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Dimensions and weights are nominal and are not to be used for manufacturing purposes, even when tolerances are shown.

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