

**NEW**

UHF RFID System  
V780 Slave Reader/Writer

## Expand communication range

Cost-effective reader/writer

More reasonably priced than existing standard reader/writers, the new slave reader/writer reduces the cost of creating a system with the Multi-Reader/Writer function that expands the communication range.

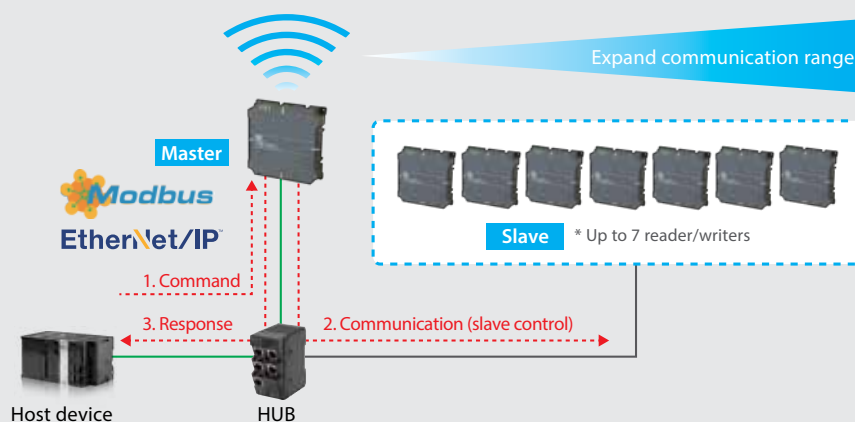


Slave Reader/Writer  
V780-HMD68-ETN-□□-S

**PATENT PENDING/PATENTED\*1**

### Connect up to 8 reader/writers to expand range Multi-Reader/Writer function\*2

One reader/writer is set as a master, and others are set as slaves. When the host device sends commands to the master reader/writer, the reader/writers work like one reader/writer that has a wide communication range.

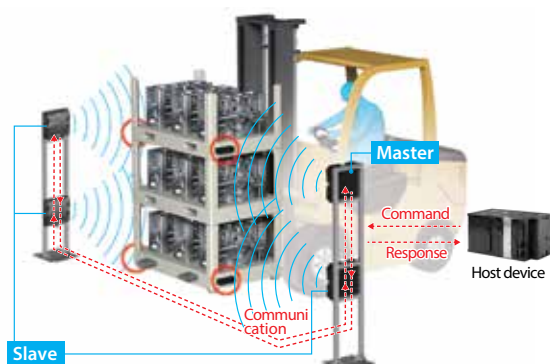


\*1. PATENT PENDING/PATENTED means that the patent was applied for or the patent was granted. (As of August 2019) \*2. Version 3 or later provides this function.

## Applications

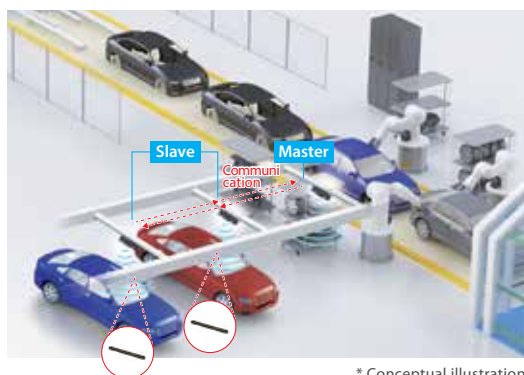
### Detection of passing pallets

When simultaneously inspecting all stacked pallets passing through a portal, install the reader/writers on both the left and right sides of the portal to read an RF tag placed on either the left or right side of each pallet.



### Location of vehicles

It takes time to locate a defective vehicle outside the assembly line or a finished vehicle ready for shipment by using the on-board paper. Place an RF tag on the dashboard of each vehicle and install reader/writers on the vehicle waiting space to read the tags, which reduces the time to locate vehicles.




\* Conceptual illustration


## Ordering Information

### Reader/Writers

#### Standard Reader/Writers

Appearance	Dimensions (mm)	Network	Model
	250x250x70	Modbus/TCP base TCP/IP)	V780-HMD68-ETN-□□*1
		EtherNet/IP	

#### NEW Slave Reader/Writers

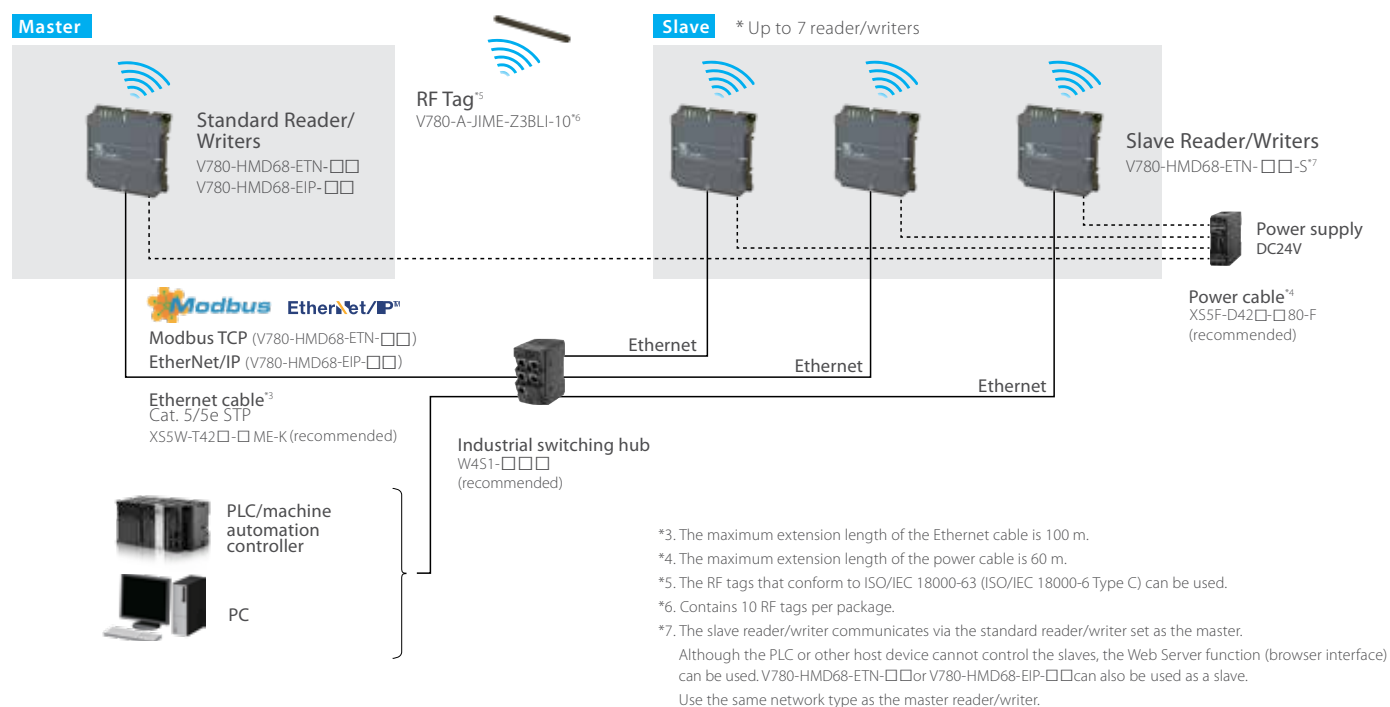
Appearance	Dimensions (mm)	Network	Model
	250x250x70		V780-HMD68-ETN-□□*1-S

\*1. Select the model for the country in which the Reader/Writers will be used. Contact your Omron representative for details on products for other countries.

\*2. Communicates via the master reader/writer (V780-HMD68-ETN-□□-□□).

Applicable Countries	□□ in model
Japan	JP
Korea	KR
China	CN
Taiwan	TW
India	IN
Indonesia	ID
Malaysia	MY
Singapore and Thailand	SG
Under RE direct	EU
Russia	RU
US and Canada	US
Mexico	MX

## System Configuration (When connecting slave reader/writers to use the Multi-Reader/Writer function)



### RF tags conforming to ISO/IEC 18000-63 are available

In addition to V780 RF Tags, the RF tags that conform to ISO/IEC 18000-63 (ISO/IEC 18000-6 Type C) can be used. Contact your Omron representative for details.

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· The product photographs and figures that are used in this catalog may vary somewhat from the actual products.

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