

Product Discontinuation

RFID System



V640-HAM11-ETN-V2
V640-HAM11-L-ETN-V2



Recommended Replacement

RFID System

V640-HAM11-ETN-V5
V640-HAM11-L-ETN-V5
(Release on August 2025)

[Final order entry date]

The end of March, 2026

[Date of The Last Shipping]

The end of June, 2026

[Scheduled date of maintenance close]

The end of March, 2029

[Caution on recommended replacement]

In order to comply with the cybersecurity standards of the RE Directive, user password registration and access control settings are required.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
V640-HAM11-ETN-V5	**	**	**	**	**	**	*
V640-HAM11-L-ETN-V5	**	**	**	**	**	**	*

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

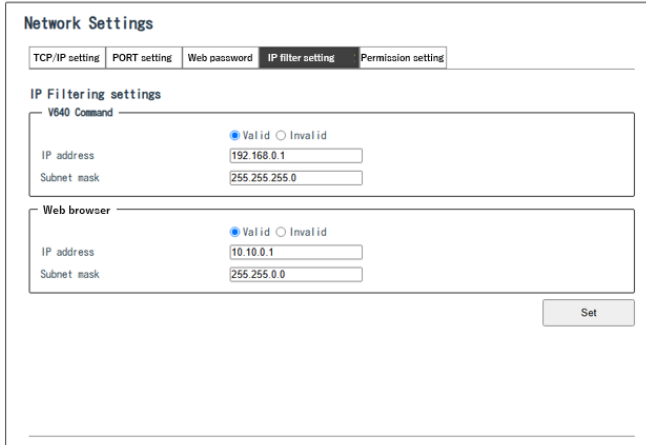
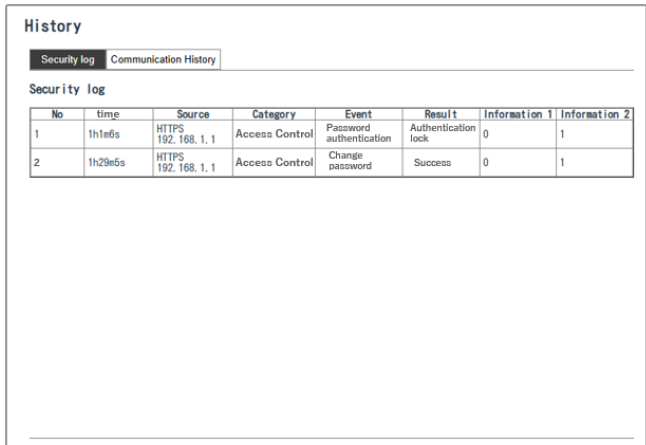
Product discontinuation	Recommended replacement
V640-HAM11-ETN-V2	V640-HAM11-ETN-V5
V640-HAM11-L-ETN-V2	V640-HAM11-L-ETN-V5

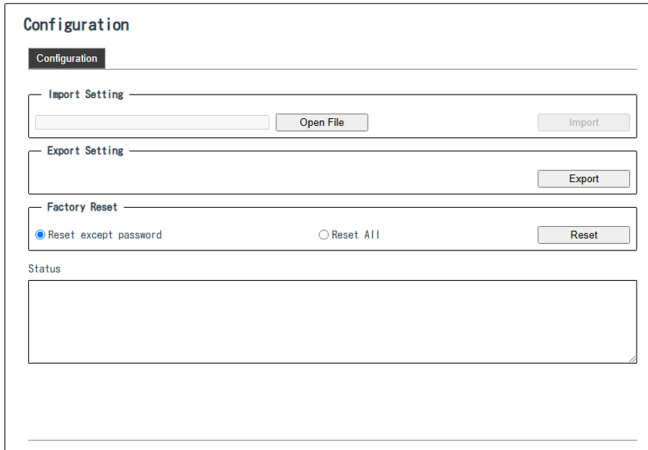
[Characteristics]

Item	Product discontinuation		Recommendable replacement	
	Model V640-HAM11-ETN-V2	Model V640-HAM11-L-ETN-V2	Model V640-HAM11-ETN-V5	Model V640-HAM11-L-ETN-V2
Power supply voltage	24VDC +10%/-15%		Same as on the left	
Current consumption	150 mA max.	400 mA max.	Same as on the left	Same as on the left
Degree of protection	IP20 (IEC60529:2001)		Same as on the left	
Ambient temperature	Operating : 0 to +40°C Storage: -15 to +65°C With no icing)		Same as on the left	
Ambient humidity	Operating / Storage: 35% to 85% (with no condensation)		Same as on the left	
Insulation resistance	20 MΩ min. (with 100 VDC megohmmeter) between power supply terminals and the frame ground terminal		Same as on the left	
Dielectric strength	1,000 VAC (50/60 Hz for 1 min.) leak current consumption 5 mA max. between both power supply terminals and the frame ground terminal		Same as on the left	
Vibration resistance	10 to 150 Hz double amplitude: 0.2mm, Max. Acceleration: 15 m/s ² with 10 sweeps for 8 min. each in 3 directions		Same as on the left	
Shock resistance	150 m/s ² , 3 times each in 6 directions		Same as on the left	
Ground	Ground to 100 Ω or less.		Same as on the left	
Case material	PC/ABS resin		Same as on the left	
Dimensions	80x185x43 mm(WxDxH, excluding protruding parts)		Same as on the left	
Mass	Approx. 250 g		Same as on the left	
Frequency	134.2kHz		Same as on the left	
Radiated magnetic field strength	Maximum 35 dBμA/m at 10 meters(fixed)		Same as on the left	
Over voltage category	Category I		Same as on the left	
Mounting method	Secured with four M4 screws. (tightening torque: 1.2N·M)		Same as on the left	
CIDRW Head	V640-HS61	V640-HS62	V640-HS61	V640-HS62
Communication I/F	TCP/7091 ※Omron original HTTP(TCP/80)		TCP/7091 ※Omron original HTTPS(TCP/443)	
Web browser interface Recommended operating environment	Windows 7 Internet Explorer8/9/10 Windows 8.1 Internet Explorer11 Windows 10 Internet Explorer11		Windows 10 Microsoft Edge / Google Chrome Windows 11 Microsoft Edge / Google Chrome	

[Operation methods]

Product discontinuation		Recommendable replacement																													
Model V640-HAM11-ETN-V2	Model V640-HAM11-L-ETN-V2	Model V640-HAM11-ETN-V5	Model V640-HAM11-L-ETN-V2																												
<p>Password authentication <Password entry screen> Initial password: None Password rules: None Password lock: None</p>		<p>Password authentication <Login screen> Initial password: Yes Password rules: Yes, 8 characters or more, ASCII character code Password lock: Yes If a certain number of login failures occur within a certain period of time, the login screen will be disabled for a certain period of time.</p>																													
<p>Command WEB password setting (A2)</p>		<p>Command WEB password setting (A2) Delete *Web password settings can be changed from the web browser interface.</p>																													
<p>Security settings None</p>		<p>Security settings <Access permission settings> Access permission settings are added to the web browser. This can set execution permissions for commands from a host device. Commands that it do not have permission to execute will not be accepted.</p> <div data-bbox="826 1099 1474 1547" data-label="Image"> <p>The screenshot shows the 'Network Settings' page with the 'Permission setting' tab selected. Below the navigation tabs is an 'Access Permission' table with columns: Target Command, Refer, Change, and Execute. The table lists several commands with checkboxes for Refer, Change, and Execute. 'Communication Control' and 'Unit Control' have their Execute checkboxes checked. A 'Set' button is located at the bottom right of the table.</p> <table border="1"> <thead> <tr> <th>Target Command</th> <th>Refer</th> <th>Change</th> <th>Execute</th> </tr> </thead> <tbody> <tr> <td>ID Tag communications</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Device Information</td> <td><input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Network Settings</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>History Information</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Communication Control</td> <td></td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Unit Control</td> <td></td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table> </div> <p>*The screen is an image under development and may be subject to change.</p> <p>The following commands are not accepted by default.</p> <ul style="list-style-type: none"> • Clear communication history • Measure noise • Reset • Network settings 		Target Command	Refer	Change	Execute	ID Tag communications	<input type="checkbox"/>	<input type="checkbox"/>		Device Information	<input type="checkbox"/>			Network Settings	<input type="checkbox"/>	<input type="checkbox"/>		History Information	<input type="checkbox"/>	<input type="checkbox"/>		Communication Control			<input checked="" type="checkbox"/>	Unit Control			<input checked="" type="checkbox"/>
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		<p><IP filtering settings > IP filtering settings are added to the web browser.</p> <p>This can specify the IP addresses of the host devices connected to the unit and the maintenance PC that uses the web browser. Connections from devices other than those with the specified IP addresses will not be accepted (disabled by default)</p>  <p>*The screen is an image under development and may be subject to change.</p>	
<p>Security Log None</p>		<p>Security Log <Security log screen> A security history screen will be added to the web browser. Operations performed on the unit will be recorded as "events."</p>  <p>*The screen is an image under development and may be subject to change.</p> <p>The log is recorded in non-volatile memory and will be retained even after a power outage. The log can only be accessed by users who have received password authentication.</p>	

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		<p><Power-on time> Records the accumulated time the unit has been turned on. (Saved every hour in 1-second increments) The security history records the power-on time retained by the unit.</p>	
<p>Initialization/Backup None</p>		<p>Initialization/Backup <Configuration screen> A configuration screen will be added to your web browser.</p>  <p>*The screen is an image under development and may be subject to change.</p> <p>Initialization and backup can only be performed by users with password authentication. A hash value is generated for the file to be saved, making it possible to detect whether it has been tampered with.</p>	

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.