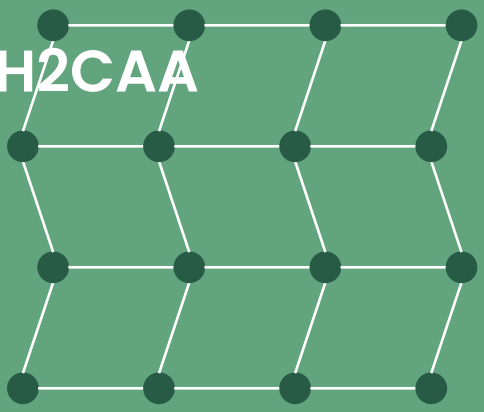
APTER POWER
INDUSTRIAL AUTOMATION

MANUFACTURER-SOURCE TECHNICAL REFERENCE

GE Vernova IS200VCMIH2CAA IS215VCMIH2CA

IONet Communication Integration Guide

GE Mark VI VCMI H2 VME Bus Master Controller



DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited GE Vernova manufacturer sources. No product photograph is included.

Product / lookup identity	GE Vernova IS200VCMIH2CAA IS215VCMIH2CA
Reference number	IS200VCMIH2CAA-IS215VCMIH2CA
Document basis	Published GE Vernova product records, PDFs, and manuals listed on page 3

Product page

https://www.apterpower.com/General-Electric/is200vcmih2caa-is215vcmih2ca

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VME and IONet communication path

GE IS200VCMIH2CAA / IS215VCMIH2CA is presented, subject to nameplate confirmation, as the H2 form of the VCMI VME Bus Master Controller used in a legacy Mark VI turbine control rack. The VCMI interfaces the controller with VME I/O boards, serves as the VME bus master, connects the rack to IONet, and manages the identities of the boards in the rack and their associated terminal boards.

01	The VCMI interfaces the controller with VME I/O boards, serves as the VME bus master, connects the rack to IONet, and manages the identities of the boards in the rack and their associated terminal boards.
02	It moves digital I/O data and control-network packets rather than directly measuring a field process variable. The board also receives rack power-status analog and digital feedback through J301 and monitors...
03	The H2 form has three IONet channels for R, S and T control paths in TMR Mark VI configurations and communicates with the main controller, local VME I/O boards and remote I/O racks containing their own VCMI...

Network and host-system boundaries

01	Status: CONDITIONAL - nameplate evidence required before treating the two codes as one paired assembly
02	Required Action: Use a clear physical nameplate/board photo showing the full code or codes. If only one full code is visible, publish only that code and list the other as unverified rather than as an...
03	Confusion To Avoid: Do not copy H1 data. GEH-6421M defines H1 as one IONet port and H2 as three IONet ports.

Communication integration checks

01	Verify the full physical nameplate and do not publish IS200VCMIH2CAA and IS215VCMIH2CA as a guaranteed pair without photographic evidence.
02	Confirm H2 hardware is required; H1 has one IONet port while H2 has three.
03	Match the board ID, firmware, configuration compatibility code, rack number and I/O topology before installation; GEH-6421M lists mismatch and offline alarms for these conditions.
04	Maintain correct 10Base2 IONet cabling and termination for every used R/S/T channel, and investigate rather than mask communication-loss alarms.
05	Treat the unit as legacy Mark VI hardware and use the site-specific GE documentation set and approved outage/replacement procedure.
06	Do not claim dimensions, weight, country of origin or an exact flash-memory revision from the supplied suffix unless supported by the nameplate or unit-specific GE record.

Identity and release controls

Status	CONDITIONAL - nameplate evidence required before treating the two codes as one paired assembly
Officially Verified	['VCMI is the VME Bus Master Controller and communication interface between the Mark VI controller, VME I/O boards and IONet.', 'VCMI H2 is the...
Not Verified In Public Official Sources	['That IS200VCMIH2CAA and IS215VCMIH2CA are two labels for one exact physical assembly.', 'The meaning of the final CAA and CA revision characters for...
Confusion To Avoid	Do not copy H1 data. GEH-6421M defines H1 as one IONet port and H2 as three IONet ports.