

INDUSTRIAL AUTOMATION PRODUCT

IC660HHM500

Phase A Genius Hand-held Monitor

GE IC660HHM500 is a Phase A Genius Hand-held Monitor for the GE Genius I/O. It provides the documented field interface or control function in the configured system.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	General Electric
System family	GE Genius I/O
Part number	IC660HHM500
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install IC660HHM500 only in the documented GE Genius I/O position. Preserve the as-found terminal mapping and configuration, then verify diagnostics and the affected field function under controlled conditions.

System Role and Architecture

GE IC660HHM500 is a Phase A Genius Hand-held Monitor for the GE Genius I/O. It provides the documented field interface or control function in the configured system.

FUNCTION 1
Provides the documented phase a genius hand-held monitor function

FUNCTION 2
Uses exact catalog identity IC660HHM500 for replacement control

FUNCTION 3
Integrates with the matched GE Genius I/O hardware

FUNCTION 4
Supports controlled connection checks and functional verification

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	GE Genius I/O
02	Matched extension cable and ClickLoc connector loop
03	3300 XL Proximity Sensor host channel
04	AISI 4140 steel target or approved equivalent

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	GE Genius I/O
Interface role	Phase A Genius Hand-held Monitor
Field / power context	Matched GE Genius bus, terminal assembly and configured host system
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the full IC660HHM500 catalog marking and installed GE Genius I/O position before work.
- 2
- Isolate the station supply and connected field energy using the approved procedure.
- 3
- Record every terminal, common, shield, connector and configured point before removal.
- 4
- Use ESD controls and protect backplane, terminal and connector contacts from contamination.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Product phase	Phase A	Phase B block compatibility	Not fully compatible
Supported standard baud rate	153.6 Kbaud standard	Replacement monitor	IC660HHM501
Phase A maximum bus length	2000 ft	Bus coexistence	Do not operate Phase A and Phase B HHMs together
Software requirement	Version 1.7 or later for Phase B bus controllers/PCIM	Primary functions	Monitor data, display faults and perform permitted configuration

RELATED GE PRODUCT PAGES

1GE ICRXIBN7M000A-BA

2GE IS200TBAIH1CCC

3GE IS200EMIOH1AFB

4GE IS400JPDHG1A

5GE DS200SDCIG1AFB

6GE IC670MDL640J

7GE IC670MDL641

8GE IC670MDL642

9GE IC670MDL643

ENGINEERING BOUNDARY

Confirm IC660HHM500, GE Genius I/O host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

PRE-INSTALLATION CHECKS

- 1

Confirm the full IC660HHM500 catalog marking and installed GE Genius I/O position before work.
- 2

Isolate the station supply and connected field energy using the approved procedure.
- 3

Record every terminal, common, shield, connector and configured point before removal.
- 4

Use ESD controls and protect backplane, terminal and connector contacts from contamination.

Applications and Engineering Context

GE Genius I/O station maintenance

Restores the documented phase a genius hand-held monitor function in an engineered station.

Distributed I/O refurbishment

Uses exact IC660HHM500 identity when rebuilding the recorded field interface.

Control-panel modernization

Preserves the approved terminal, power and communications arrangement during migration work.

Controlled recommissioning

Verifies point mapping, diagnostics and field response before process release.

TECHNICAL NOTE

Install IC660HHM500 only in the documented GE Genius I/O position. Preserve the as-found terminal mapping and configuration, then verify diagnostics and the affected field function under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	IC660HHM500 recorded
Host / carrier	GE Genius I/O
Physical interface	Exact model, bus position, terminals and connected field circuits matched
Configuration	Device number, I/O assignments and approved configuration restored
Functional proof	Controlled diagnostics and field-response test recorded

IMPORTANT NOTICE

Confirm IC660HHM500, GE Genius I/O host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

GE ICRXIBN7M000A-BA

View GE ICRXIBN7M000A-BA page

2

GE IS200TBAIH1CCC

View GE IS200TBAIH1CCC page

3

GE IS200EMIOH1AFB

View GE IS200EMIOH1AFB page

4

GE IS400JPDHG1A

View GE IS400JPDHG1A page

5

GE DS200SDCIG1AFB

View GE DS200SDCIG1AFB page

6

GE IC670MDL640J

View GE IC670MDL640J page

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GE IC670MDL641

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GE IC670MDL643

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MANUFACTURER SOURCE RECORD

Genius I/O System and Communications User's Manual | GE Fanuc GEK-90486F-1, November 1994

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.