

Installation Identity and Scope

Honeywell TK-IAH161 is a coated 16-point analog input module for the Series A I/O family used with C200 and C200E control hardware. It brings configured analog field inputs into the Experion control environment through the approved chassis and channel arrangement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	TK-IAH161
Manufacturer	Honeywell
Hardware type	Analog Input Module
System family	Series A I/O
Official source	November 2020 System HINTS, Series A/C200 model table, page 5

CONTROLLED ENGINEERING COPY

Record the Series A chassis slot and all sixteen configured channel assignments before replacement. Preserve the approved field wiring, shielding and channel scaling, then compare every enabled input with its engineering baseline before release.

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TK-IAH161

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the exact TK-IAH161 marking and coated-module identity.
2	Place the C200/C200E controller and Series A chassis in the approved maintenance state.
3	Record the chassis, slot and all sixteen channel assignments before removal.
4	Label field conductors, shields and common connections without changing the approved topology.
5	Use ESD controls and inspect the backplane and keyed module interfaces.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	TK-IAH161
Physical interface	Documented Series A chassis and keyed slot
Companion check	Approved 16-point analog input field termination
Configuration	Saved channel mapping, scaling and control-strategy configuration
Functional proof	Every enabled analog input, module status and control response

Related Honeywell Products

MODEL	APTER POWER PAGE
Honeywell CC-PDIL01-51405040-176	View Honeywell CC-PDIL01-51405040-176
Honeywell CC-PDOB01-51405043-175	View Honeywell CC-PDOB01-51405043-175
Honeywell CC-PDOD51-51454408-175	View Honeywell CC-PDOD51-51454408-175
Honeywell CC-PFB401-51405044-175	View Honeywell CC-PFB401-51405044-175
Honeywell CC-SCMB02	View Honeywell CC-SCMB02

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Honeywell TK-IAH161 and coated-module marking exactly.
Chassis and slot	Confirm the documented Series A chassis, slot and keyed interface.
Channel map	Preserve all 16 configured analog input assignments.
Field wiring	Label signals, commons, shields and grounding before disconnection.
Configuration	Restore saved scaling, direction, alarms and strategy references.
Functional proof	Test every enabled analog input under controlled conditions.

CONFIGURATION BOUNDARY

Record the Series A chassis slot and all sixteen configured channel assignments before replacement. Preserve the approved field wiring, shielding and channel scaling, then compare every enabled input with its engineering baseline before release.

Expected Technical Values

PARAMETER	VALUE
Complete model	TK-IAH161
Module type	Analog input module
Input points	16
Environmental version	Coated

Related Honeywell Products

MODEL	APTER POWER PAGE
Honeywell CC-SCMB05	View Honeywell CC-SCMB05
Honeywell CC-TAID11	View Honeywell CC-TAID11

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Exact model, coating and Series A slot agree with the engineering record.
Configuration	All 16 channel assignments and scaling values are restored.
Electrical check	Field signals, commons, shields and grounding match the approved topology.
Control response	Every enabled analog input and associated strategy response is verified.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
How many analog inputs are provided?	TK-IAH161 is identified by Honeywell as a sixteen-point analog input module.
What distinguishes this TK version?	The official model table identifies TK-IAH161 as the coated version of the sixteen-point analog input module.
Which controller hardware is associated with the module?	It belongs to the Series A I/O family used with Honeywell C200 and C200E control hardware.
What must be captured before module replacement?	Record the Series A chassis and slot, every enabled channel assignment, field wiring and channel scaling before removal.

Related Honeywell Products

MODEL	APTER POWER PAGE
Honeywell CC-TAIN01-51306513-175	View Honeywell CC-TAIN01-51306513-175
Honeywell CC-TAIX01-51308363-175	View Honeywell CC-TAIX01-51308363-175
Honeywell CC-TAIX11	View Honeywell CC-TAIX11
Honeywell CC-TAIX61-51307077-175	View Honeywell CC-TAIX61-51307077-175
Honeywell CC-TAON01	View Honeywell CC-TAON01

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Can another sixteen-point analog module be substituted directly?	No. Channel count alone does not establish compatibility; the exact module identity, chassis support and saved control configuration require approval.
How should the field-side work be controlled?	Place the associated control hardware in its approved maintenance state, preserve conductor and shield assignments, and use ESD controls.
What migration context applies to a C200 installation?	Honeywell lists C300 or UOC as the technology-upgrade path for the phased-out C200/C200E platform.
What confirms a successful return to service?	The exact model and slot match the record, module status is healthy, and every configured input agrees with its approved field or simulated value.

MANUFACTURER SOURCE RECORDS

Honeywell System HINTS - November 2020 System HINTS, Series A/C200 model table, page 5
C200/C200E Product Page - Honeywell Process Solutions official product page, C200/C200E overview and lifecycle information

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	TK-IAH161 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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