

TK-IAH161

Analog Input Module

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.

BRAND	Honeywell	MODEL	TK-IAH161
PRODUCT	Analog Input Module	FAMILY	Series A I/O
OFFICIAL SOURCE	Honeywell System HINTS	RECORD	November 2020 System HINTS, Series A/C200 model table, page 5

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

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.

FUNCTION 1

Sixteen configured analog input points

FUNCTION 2

Coated Series A module construction

FUNCTION 3

C200 and C200E chassis integration

FUNCTION 4

Experion PKS control-data connection

APPLICATION	ENGINEERING CONTEXT
Multi-point process input	Collects sixteen configured analog field inputs for the associated C200 or C200E control strategy.
Series A chassis retrofit	Maintains the documented coated analog-input position during controlled legacy-system maintenance.
Experion control integration	Presents approved field measurements to the CEE-based control application through Series A I/O.
Migration baseline capture	Preserves channel mapping and engineering values needed when a C200 installation is migrated to C300 or UOC.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Complete model	TK-IAH161
Module type	Analog input module
Input points	16
Environmental version	Coated
I/O family	Series A I/O
Controller platform	C200 / C200E
Control environment	Experion PKS
Lifecycle context	C200/C200E platform phased out; C300 or UOC migration path

Acceptance Path

1 IDENTITY

Exact model, coating and Series A slot agree with the engineering record.

2 CONFIGURATION

All 16 channel assignments and scaling values are restored.

3 ELECTRICAL CHECK

Field signals, commons, shields and grounding match the approved topology.

4 CONTROL RESPONSE

Every enabled analog input and associated strategy response is verified.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the exact TK-IAH161 marking and coated-module identity.	How many analog inputs are provided?	TK-IAH161 is identified by Honeywell as a sixteen-point analog input module.
2	Place the C200/C200E controller and Series A chassis in the approved maintenance state.	What distinguishes this TK version?	The official model table identifies TK-IAH161 as the coated version of the sixteen-point analog input module.
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.	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.
5	Use ESD controls and inspect the backplane and keyed module interfaces.	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.
6	Restore the saved channel configuration and engineering scaling after installation.		
7	Do not substitute another analog-input model solely by matching the channel count.		
8	Verify every enabled channel, module status and control-strategy response before release.		

FAQ, Related Products and Sources

QUESTION	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

Related Products on Apter Power

MODEL	APTER POWER PAGE
Honeywell CC-TAOX01	View Honeywell CC-TAOX01
Honeywell CC-TAOX11	View Honeywell CC-TAOX11
Honeywell CC-TCF901-51308301-175	View Honeywell CC-TC F901-51308301-175
Honeywell CC-TCNT01-51308307-175	View Honeywell CC-TC NT01-51308307-175
Honeywell CC-TDI220-51308394-275	View Honeywell CC-TDI 220-51308394-275
Honeywell CC-TDIL01	View Honeywell CC-TDIL01
Honeywell 8C-IP0102-51454362-275	View Honeywell 8C-IP0 102-51454362-275
Honeywell 8C-PAIMA1-51454473-175	View Honeywell 8C-PAI MA1-51454473-175

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