

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
Complete model	TK-IAH161
Product role	Analog Input Module
System family	Series A I/O
Source record	November 2020 System HINTS, Series A/C200 model table, page 5

DOCUMENT SCOPE

Model identity, official technical data, model-specific applications, precautions, FAQ and controlled acceptance records.

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TK-IAH161

Technical Specifications

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

ENGINEERING 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.

System Role and Common Applications

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.

ACCEPTANCE DUTY
Confirm identity, interface, companion hardware, configured values and controlled functional response before release.

Engineering Precautions and FAQ

NO.	PRECAUTION
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.
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.

QUESTION	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.

FAQ, Related Products and Official 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.

MODEL	APTER POWER PAGE
Honeywell CC-PAIL51	View Honeywell CC-PAIL51
Honeywell CC-PAIM01	View Honeywell CC-PAIM01
Honeywell CC-PAIX02	View Honeywell CC-PAIX02
Honeywell CC-PAOH01	View Honeywell CC-PAOH01
Honeywell CC-PAON01	View Honeywell CC-PAON01
Honeywell CC-PCF901	View Honeywell CC-PCF901
Honeywell CC-PCNT01-51405046-175	View Honeywell CC-PCNT01-51405046-175
Honeywell CC-PDIH01	View Honeywell CC-PDIH01

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

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