

Installation Identity and Scope

Yokogawa AIP830-101 S2 is an AIP830 operation keyboard for CENTUM VP process-control systems. The AIP830 record specifies dual USB Type-A connectivity, USB 2.0 keyboard operation and an integrated USB speaker function.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	AIP830-101 S2
Manufacturer	Yokogawa
Hardware type	Operation Keyboard
System family	CENTUM VP / CENTUM CS
Official source	AIP830 operation keyboard; USB interface and environmental specification

CONTROLLED ENGINEERING COPY

Before commissioning Yokogawa AIP830-101 S2, verify the AIP830 suffix, USB host connection, 5 V $\pm$ 5% supply from the PC port and the assigned CENTUM VP workstation. Confirm the keyboard and sound interfaces before release.

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AIP830-101 S2

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify Yokogawa AIP830-101 S2 marking and official AIP830 suffix before installation.
2	Confirm the assigned CENTUM VP workstation and USB host ports.
3	Verify the 5 V ±5% USB-supplied power path.
4	Check USB 2.0 keyboard and USB 1.1 sound interface assignments.
5	Keep connectors and keyboard surface clean and free from contamination.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	AIP830-101 S2
Physical interface	USB host ports
Companion check	CENTUM VP workstation
Configuration	AIP830 suffix
Functional proof	Operator input

RELEASE HOLD POINT

Do not disturb the installed device until the exact marking, connections, companion hardware and configured function are documented.

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
USB interface	Confirm two USB Type-A host connections
Power	Confirm 5 V $\pm$ 5% USB supply
Function	Confirm keyboard and speaker response

CONFIGURATION BOUNDARY

Before commissioning Yokogawa AIP830-101 S2, verify the AIP830 suffix, USB host connection, 5 V $\pm$ 5% supply from the PC port and the assigned CENTUM VP workstation. Confirm the keyboard and sound interfaces before release.

Expected Technical Values

PARAMETER	VALUE
Product type	AIP830 operation keyboard
Keyboard function	USB 2.0 Full-speed, bus-powered
Sound function	USB 1.1 Full-speed, bus-powered
Interface	2 × USB Type-A

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Exact AIP830-101 S2 marking recorded
Interface	USB ports and assignments verified
Function	Keyboard and sound response confirmed

Technical Questions to Resolve

QUESTION	ENGINEERING ANSWER
What is Yokogawa AIP830-101 S2?	An AIP830 operation keyboard for Yokogawa CENTUM VP process-control systems.
Which USB interfaces are documented?	Two USB Type-A ports; keyboard function is USB 2.0 and sound function is USB 1.1.
What supply is required?	5 V ±5% supplied from the PC USB port.
What is the maximum current?	The documented maximum consumption current is 1 A.

Source, Related Products and Release

MODEL	APTER POWER PAGE
Yokogawa S9129FA	View Yokogawa S9129FA
Yokogawa AMM12 S3	View Yokogawa AMM12 S3
Yokogawa ATK4A-00 S1	View Yokogawa ATK4A-00 S1

MANUFACTURER SOURCE RECORD

Yokogawa GS33J50C32-01EN AIP830 General Specifications
AIP830 operation keyboard; USB interface and environmental specification

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	AIP830-101 S2 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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