

1734 POINT I/O™

In-Cabinet Modular I/O Platform

Features and Benefits

Flexibility

- Connectivity to ControlNet, DeviceNet, EtherNet/IP and other open networks
- Linear, star, and ring EtherNet/IP network topology
- Supports IO-Link Technology
- Individual, rack, and assembly-level connections
- Horizontal or vertical mounting without derating
- Safe and Standard I/O in the same chassis

Cost savings

- Modular design requires less enclosure space
- Up to 504 channels on a single network interface
- Removable terminations accelerate commissioning
- Remove and Insert Under Power (RIUP) reduces maintenance time
- Local autonomous control

Ease of use

- Fast, simple configuration and integration
- Full Add-on-Profiles in Studio 5000®
No other software is needed
- Channel-level diagnostics

Faster performance

- Multiple connection types
- Sense-to-actuate < 2 milliseconds



IO-Link Master



POINT I/O is a family of modular I/O products ideal for applications requiring flexibility and low cost of ownership. With one to eight channel density modules, including a self-configuring discrete module, the modularity of POINT I/O minimizes system costs and size. The ability to mix standard and safe I/O provides even greater flexibility and opportunities for standardization, regardless of application requirements. Since it can be used in local and remote I/O, POINT I/O further reduces engineering costs in design, installation and application development.

As part of the Rockwell Automation Integrated Architecture, POINT I/O provides comprehensive channel-level diagnostics (wire off and short circuit), and configurable features, such as user-set filters and alarms, making it easy to use in your application.

POINT I/O is the only IP20-rated modular I/O solution compliant with ODVA requirements for linear, star, and ring EtherNet/IP architectures. This provides you with greater system reliability and availability, maximizing your uptime and system performance.

IO-Link is the first technology for communication with sensors and actuators to be adopted as an IEC 61131-9 standard. POINT IO-Link Master allows up to four IO-Link devices to be connected to the POINT I/O system. Regardless of the application, POINT I/O brings the power of the Integrated Architecture to the field device in a small, easy-to-use package.

LISTEN.
THINK.
SOLVE.™

Adapter Products

1734-AENT	24V DC EtherNet/IP Adapter
1734-AENTR	24V DC Dual Port Ethernet/IP Adapter
1734-ACNR	24V DC ControlNet Adapter
1734-ADN	24V DC DeviceNet Adapter
1734-ADNX	24V DC DeviceNet Adapter with Sub-net Expansion
1734-APB	24V DC PROFIBUS Adapter

Digital Output Products

1734-OB8	24V DC 8 Point Source Output Module
1734-OB8E	24V DC 8 Point Source Output Module with Electronic Fuse Protection
1734-OB4	24V DC 4 Point Source Output Module
1734-OB4E	24V DC 4 Point Source Output Module with Electronic Fuse Protection
1734-OB2	24V DC 2 Point Source Output Module
1734-OB2E	24V DC 2 Point Source Output Module with Electronic Fuse Protection
1734-OB2EP	24V DC 2 Point Source Output Module with High Current and Protection
1734-OV8E	24V DC 8 Point Sink Output Module with Protection
1734-OV4E	24V DC 4 Point Sink Output Module with Protection
1734-OV2E	24V DC 2 Point Sink Output Module with Protection

Self-Configuring I/O Products

1734-8CFG	24V DC 8 Point Self-Configuring Discrete I/O Module
1734-8CFGDLX	24V DC 8 Point Self-Configuring Discrete I/O Module with DeviceLogix

Digital Input Products

1734-IB8	24V DC 8 Point Sink Input Module
1734-IB4	24V DC 4 Point Sink Input Module
1734-IB4D	24V DC 4 Point Sink Input Module with Diagnostics
1734-IB2	24V DC 2 Point Sink Input Module
1734-IV8	24V DC 8 Point Source Input Module
1734-IV4	24V DC 4 Point Source Input Module
1734-IV2	24V DC 2 Point Source Input Module

Analog Products

1734-IE2C	24V DC 2 Point Analog Current Input Module
1734-IE4C	24V DC 4 Point Analog current Input Module
1734-IE8C	24V DC 8 Point Analog current Input Module
1734-IE2V	24V DC 8 Point Analog Voltage Input Module
1734-OE2C	24V DC 2 Point Analog Current Output Module
1734-OE2V	24V DC 2 Point Analog Voltage Output Module
1734-OE4C	24V DC 4 Point Analog Current Output Module
1734-IR2	24V DC 2 Point RTD Input Module
1734-IR2E	24V DC 2 Point High Resolution RTD Input Module
1734-IT2I	24V DC 2 Point Thermocouple Input Module

AC and Relay Products

1734-OW2	24V DC 2 Point NO SPST Relay Output Module
1734-OW4	24V DC 4 Point NO SPST Relay Output Module
1734-OX2	24V DC 2 Point NO/NC DPST Relay Output Module
1734-IA2	120V AC 2 Point Input Module
1734-IA4	120V AC 4 Point Input Module
1734-IM2	220V AC 2 Point Input Module
1734-IM4	220V AC 4 Point Input Module
1734-OA2	120/220V AC 2 Point Output Module
1734-OA4	120/220V AC 4 Point Output Module

Specialty Products

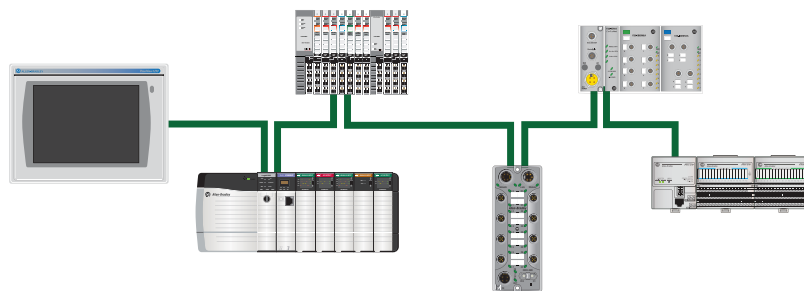
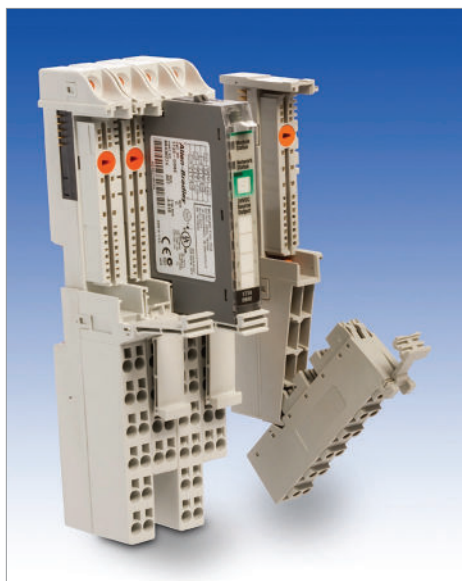
1734-4IOL	4 Channel IO-Link Master
1734-232ASC	RS232 ASCII Interface Module
1734-485ASC	RS485/422 ASCII Interface Module
1734-VHSC24	24V DC VHSC w/ Source Output Module
1734-VHSC5	5V DC VHSC w/ Source Output Module
1734-IK	24V DC Incremental Encoder Module
1734-IJ	5V DC Incremental Encoder Module
1734-SSI	SSI Absolute Encoder Interface Module
1734-ARM	Address Reserve Module
1734-CTM	Common Terminal Module
1734-VTM	Voltage Terminal Module

Power Supply Products

1734-EP24DC	24V DC Power Extension Module
1734-EPAC	AC Voltage Power Extension Module
1734-FPD	Power Isolation Module
1734-PDN	DeviceNet Interface Module

Terminal Bases & Accessories

1734-TB	8 Point Terminal Base w/ removal Screw Terminal
1734-TB5	8 Point Terminal Base w/ removal Spring Terminal
1734-TB3	12 Point Terminal Base w/ removal Screw Terminal
1734-TB3S	12 Point Terminal Base w/ removal Spring Terminal
1734-TBCJC	Terminal Base w/removal cold-junction compensation terminal
1734-TOP	One-piece 8 Point Terminal Base w/ Screw Terminal
1734-TOPS	One-piece 8 Point Terminal Base w/ Spring Terminal
1734-TOP3	One-piece 12 Point Terminal Base w/ Screw Terminal
1734-TOP3S	One-piece 12 Point Terminal Base w/ Spring Terminal
1734-EXT1	1m Bus Extension Cable
1734-EXT3	3m Bus Extension Cable



Dual Port Adapters enable Linear topology on EtherNet/IP, saving the costs of a centralized switch and additional cabling.

POINT I/O, DeviceLogix, and Studio 5000 are trademarks of Rockwell Automation. Other trademarks and registered trademarks are property of their respective companies.

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