

# IA-3171-EP

64-ch SPST Relay Controller  
TCP/IP Ethernet Controlled  
Local Expansion option

 **Intelligent Appliance**  
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## Features

- 64-ch **SPST 7 Amp** Relay Controller
- Ethernet/Web Controlled
- DHCP/Static IP modes
- 10/100base-T
- Built-in Web Page
- CE FCC approved ROHS compliant
- Series-3000 Software Compatible
- Visual Studio Net Lib
- LabTech Drivers
- Local Expansion Ready
- DIN-Rail and Wall mounting ready

## Introduction

The IA-3171-EP is an Industrial Grade TCP/IP SPST 7Amp Relay Controller, CE and FCC approved, ROHS compliant, most reliable module designed to operate on factory floor in harsh noisy EMI/RFI Environment.

Its TCP/IP Ethernet port includes an onboard server and may be operated in DHCP mode or in a Static IP mode. The port configuration may be done by the built-in web page, by AT commands or by a software configuration utility.

The IA-3171-EP includes 64 SPST Relays with a contact rating of 7Amp at 30VDC and 250VAC.

MS Studio DOT.net Library, Code examples and Operation/Configuration utilities enable fast system integration.

The IA-3171-EP Ethernet Relay Controller is widely used as an Automatic Testing, Factory Floor and Building Control Relay controller.

The WD2, system watchdog, improves its system operations performance, enabling setting of relays preset state at communication failure occurrence, helping to decrease factory floor production damages in case of communication or host failure.

## Ordering Information

IA-3171-EP	64-ch SPDT Relay Board, TCP/IP, 24VDC. Pluggable Screw Terminals.
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## Relays

Channels	64
Type	SPST
Contact Rating	7Amp @ 30VDC 7Amp @ 250VAC
Contact Protection	Voltage Suppressors

## Communication Port

COM version	Ethernet TCP/IP
Operation Mode	DHCP/Static IP
LAN Rate	10/100 base-T
Configuration Tools	IP Setup Utility Web Page AT commands
Default IP Address	10.1.1.22
Default Port	23

## Expansion Port

Expansion System Rate	1200 – 115200
Default Rate	19.2Kbps
Connector Type	DB9 Male

## General

Power Supply	24 Volt
Current Consumption	1 Amp
Relay Connection	Screw Terminal Block, Pluggable
Operation Temperature	0 ~ 60° C
Storage Temperature	-30 ~ 80° C
Module Size	318x115x45 mm
Weight	660gr
Mounting	DIN-Rail or Wall Mount

