ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Advantech ADAM 5510EKW/TP* at our website: *Click HERE*

ADAM-5510EKW/TP

8-slot Ethernet-enabled SoftLogic Controller



Features

- 10/100Base-T Ethernet interface
- Built-in Modbus/TCP server
- Supports Modbus/TCP client
- Supports Modbus/RTU Master
- Supports Modbus/RTU Slave
- Supports Multiprog via Ethernet
- IEC-61131-3 standard package
- Supports LD/FB/SFC/IL/ST Languages
- Cross-Language compiling program
- 8 I/O slots base and handles up to 128 Local I/O Points
- Supports AI/AO/DI/DO/Counter Function Blocks

Introduction

The ADAM-5510EKW/TP is an Ethernet-enabled SoftLogic Controller. In addition to the features of ADAM-5510KW and ADAM-5510EKW, the ADAM-5510EKW/TP has Ethernet features including Modbus/TCP Server, Modbus/TCP Client and Multiprog via Ethernet functions. Therefore, users can easily and quickly complete their programming based on Ethernet architecture.

Standard Modbus Interface

For advanced system integration, the ADAM-5510EKW/TP supports not only Modbus/RTU Master and Slave functions via serial ports, but also the Modbus/TCP Client to retrieve data from remote I/O, and Modbus/TCP Server to send data back to the HMI/SCADA Software via Ethernet port. Furthermore, the ADAM-5510EKW/TP allows users to remotely maintain multiple ADAM-5510EKW/TP controllers by running Multiprog programming software via Ethernet.

Specifications

Control System

CPU	16-bit microprocessor
I/O Capacity	8 slots
LED Indicators	Power, CPU, communication, and battery
Memory	Flash disk: 512 KB Flash memory: 768 KB Flash ROM: 256 KB RAM: 640 KB SRAM, 17 KB with battery backup
Operating System	ROM-DOS
Real-time Clock	Yes
Watchdog Timer	Yes

Communications (Ethernet)

Medium	Cat.5 cable with RJ-45 connectors
Transmission Speed	100 Mbps (10/100Base-T)

Communications (Serial)

Max. Nodes	32 (in RS-485 daisy-chain network)
Medium	RS-485 (2-wire)
Protocols	Modbus/RTU, Modbus/TCP
Transmission Speed	9600, 19200 and 38400 bps

Protection

Power Input	3000 V_{DC}
Communication Line Isolation	2500 V_{DC} (COM2 only)
Power Reversal Protection	Yes

Power

Power Consumption	4 W @ 24 Vdc (not including I/O modules) Unregulated 10 ~ 30 V
Power Input	Unregulated 10 ~ 30 V_{DC}

General

Certifications	CE, FCC class A
Connectors	1 x DB9-M for RS-232/485 (COM1) 1 x Screw terminal for RS-485 (COM2) 1 x DB9-F for RS-232/Programming (COM3) 1 x DB9-M for RS-232/485 (COM4) 1 x Screw-terminal for power input 1 x RJ-45 for LAN
Dimensions	355 x 110 x 75 mm
Enclosure	ABS+PC
Mounting	DIN 35 rail, stack, wall

Environment

Humidity	5 ~ 95%, non-condensing
Operating Temperature	- 10 ~ 70° C (14 ~ 158° F)
Storage Temperature	- 25 ~ 85° C (-13 ~ 185° F)

Ordering Information

ADAM-5510EKW/TP	8-slot Ethernet-enabled SoftLogic Controller
MPROG-BAS33	KW Multiprog SoftLogic Development Kit Basic Edition v3.3 for Windows® NT/2000/XP (128-byte I/O)

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP