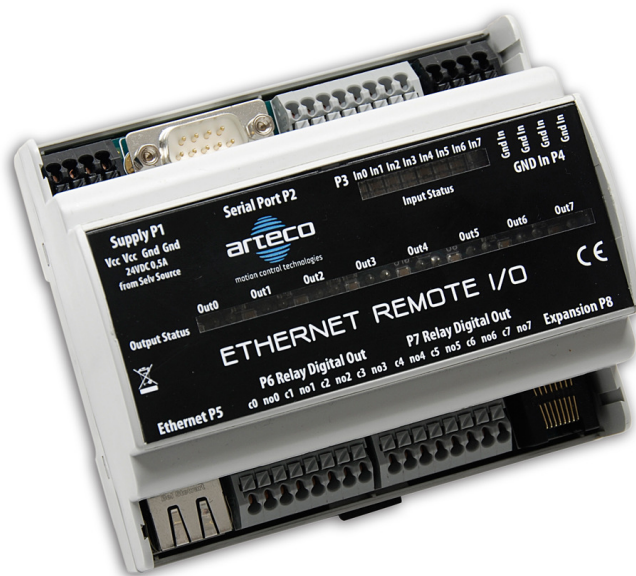# ETHERNET REMOTE I/O

This is the new ethernetl remote I/O module from Arteco, suitable for both industrial and home applications.

It features eight digital 12V or 24V optoisolated input channels and eight relay output channels rated 1,5A 230VAC/ 30VDC.

Its integrated web server allows for quick and easy set-up of all functions.

Network protocols include modbus TCP, HTTP, DHCP, DNS, ICMP, DDNS, TCP/IP and CGI commands

Input reading and output setting is achieved simply using a common web browser.

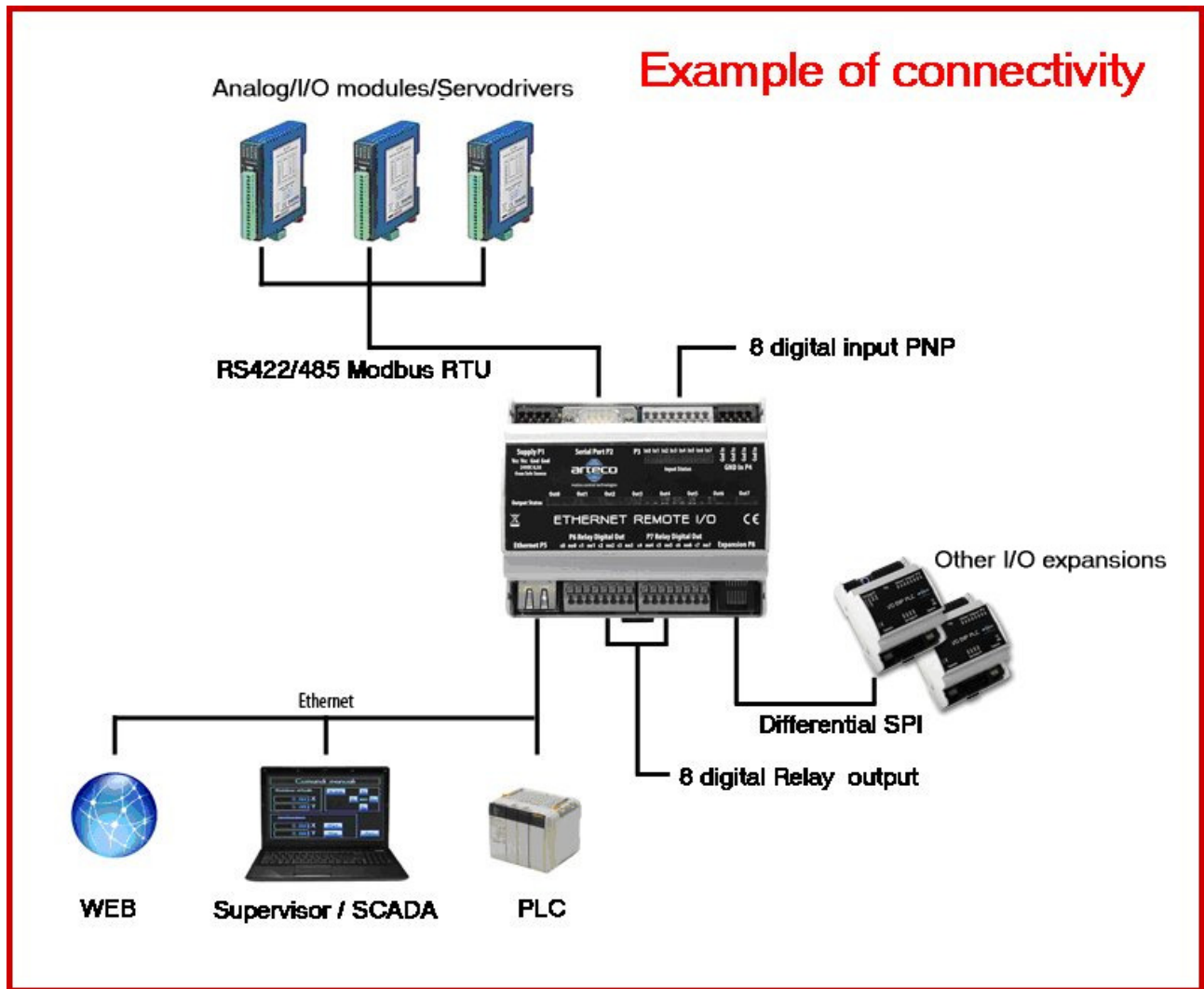Also CGI commands can be used to control the I/O and Modbus RTU variables.

Using the web browser, all of the I/O channel can be quickly labeled to remember their I/O functions.

ethernetl remote I/O module provides ethernet connectivity to any local modbus RTU net.

The total I/O can be increased simply connecting the Arteco I/O expansions to the dedicated differential synchronous serial interface (SPI). Such differential electronic feature allows to place the I/O expansion far from the ethernetl remote I/O providing "distributed I/O feature".

Installation is easy on standard DIN rail. The power supply range is from 12VDC to 24 Vdc 0,5 A

FEATURES	DESCRIPTION	NOTES
Power supply		
Supply voltage	12 to 24 Vdc ± 20% - 0,5 A	From selv source
Processor	80 MHz, 32 bit microcontroller	512 kb flash, 128 kb ram
INTERFACES		
Ethernet	10/100 auto switch	HTTP,DHCP,DNS,ICMP,DDNS,TCP/IP, Modbus Tcp CGI commands
RS485 two/four wires	Modbus master	
Synchronous serial SPI	Differential signalling for expansion modules	
INPUT AND OUTPUT CHANNELS		
User inputs	8 digital input 24 vdc OR 12vdc	Optoisolated, spring contract
User outputs	8 digital relay outputs 1,5 A 230 VAC/30 VDC	Spring contact
Housing	Plastic, standard DIN case	Dimensions: 105mm x 90mm x h 60mm
Mounting	DIN rail	
Certifications	CE Applicable	

Example of connectivity

arteco
motion control technologies