

# Ethernet Security Data Sheet

0750-0842



## 10 MBit/s Ethernet Controller for WAGO-I/O-System

Description	
Type	Active device
Operating System	na
Network interfaces (RAS, built-in modem, network gateways)	10 Ethernet
Backup, replacement features / procedures	See user manual
Firmware version	17
Firmware update possible	Firmware update via serial interface
External interfaces (FDD, CD-ROM, USB, etc.)	Local serial interface (special cable necessary)
Behaviour on power loss	Reset
Behaviour on network communication loss	Optional
Certifications	CE, UL, GL
Implemented Security features	Network features
<input type="checkbox"/> Firewall, not configurable	<input type="checkbox"/> Needs / provides DHCP
<input type="checkbox"/> Firewall, configurable	<input type="checkbox"/> Manageable
<input type="checkbox"/> Virus protection	<input type="checkbox"/> MAC-address based authentication
<input type="checkbox"/> Data encryption	
<input type="checkbox"/> Intrusion detection	
<input checked="" type="checkbox"/> Robustness, stack overflow protection	
<input type="checkbox"/> Redundancy possible	
<input type="checkbox"/> Secure remote maintenance	
<input type="checkbox"/> Access control, user levels	
<input checked="" type="checkbox"/> Local user access possible	
<input type="checkbox"/> Supports user authentication, manageable	
	Service and Maintenance
	<input type="checkbox"/> Logging
	<input checked="" type="checkbox"/> Ready for remote maintenance
	<input checked="" type="checkbox"/> Provides local configuration
	<input type="checkbox"/> Provides remote configuration

Network ports and services											
Service	Port	TCP	UDP	Client	Server	Protectable	Can be disabled	Needed for operation	Service & maintenance	Optional	Description
Modbus_TCP	502	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exchange process data
Modbus_UDP	502	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exchange process data
CoDeSys	2455	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IEC-1131 programming
HTTP	80	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Configuration/ GUI, GET, HEAD, POST. Other requests will be not processed by the web server.
BootP	67, 68	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ARP	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Address resolution
ICMP	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	As Example "Ping"
Custom Ports	Individual	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Socket based programming