

Ethernet Security Data Sheet

0750-0880
0750-0880/0025-0000



10/100 MBit/s Ethernet Controller for WAGO-I/O-System

| Description | |
|--|--|
| Type | Active device |
| Operating System | Nucleus |
| Network interfaces (RAS, built-in modem, network gateways) | 10/100 MBit |
| Backup, replacement features / procedures | See user manual |
| Firmware version | 1 |
| Firmware update possible | Firmware update via serial interface & Ethernet |
| External interfaces (FDD, CD-ROM, USB, etc.) | SD-card, local serial interface (spec. cable necessary) |
| Behaviour on power loss | Reset |
| Behaviour on network communication loss | Optional |
| Certifications | CE, UL |
| Implemented Security features | Network features |
| <input type="checkbox"/> Firewall, not configurable | <input checked="" type="checkbox"/> Needs / provides DHCP |
| <input type="checkbox"/> Firewall, configurable | <input checked="" 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 checked="" type="checkbox"/> Secure remote maintenance | |
| <input checked="" type="checkbox"/> Access control, user levels | |
| <input checked="" type="checkbox"/> Local user access possible | |
| <input checked="" 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 checked="" type="checkbox"/> Provides remote configuration |
| Safety tests | |
| Test | Nessus Netzwerk-Scan |
| Configuration | 0750-0880 + AMD0001 |
| Test program | Version: Nessus 3.0.5 Build W312 |
| Description: | |
| Hamburger Liste 1_0 | Nessus-Test was realised acc. to policy "Hamburger Liste 1_0". Simultaneous there is the field bus communication with test node (SADM0001 in Loops). |
| | |
| Standard Nessus-Plugin-List | Nessus-Test acc. to Standard-Nessus-Plugin-List. Simultaneous there is the field bus communication with test node (SADM0001 in Loops). |
| | |

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| 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 | |
| Ethernet_IP | 44818 | <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 | |
| Ethernet_IP | 2222 | <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 | |
| WebVisualisation | 80 | <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"/> | CoDeSys Web-Visualisation | |
| 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. | |
| FTP | 21 | <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"/> | File transfer | |
| SNMP | 161 | <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"/> | Network management: request | |
| SNMP | 162 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Network management: send traps | |
| SNTP | 123 | <input checked="" type="checkbox"/> | <input 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"/> | Time synchronisation | |
| 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" | |
| 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"/> | | |
| DHCP | 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"/> | IP-Assignment | |
| DNS | 53 | <input checked="" type="checkbox"/> | <input 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"/> | Name resolution | |
| 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 | |
| WAGO Service | 6626 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Firmware update via Ethernet | |