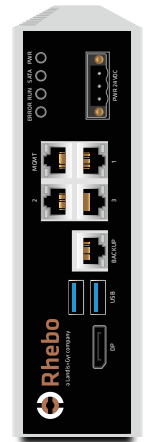


# Rhebo Industrial Protector



	CONTROLLER	SENSOR
Hardware Type	1U 19" rack appliance	DIN rail mounted, fanless
Dimensions (wxhxd) and Weight	438 x 44 x 321 mm, 7.5 kg	162 x 147 x 49 mm, 1.5 kg
Power input and draw	AC 90-260 V, 220 W	DC +24 V +/- 20 %, 30 W
Operating temp and humidity	-40-70 °C, 5-90 % (non-condensing)	-40-70 °C, 5-95 % (non-condensing)
Ethernet Ports	8 GigE (1 management, 1 console, 6 capture ports)	5 GigE (3 connection points)
Max Throughput	1000 Mbps*	1000 Mbps
Supported Virtualization Platforms	ESXi, OVF	Docker, Ubuntu Snap
Supported Hardware	x86_64	x86, x86_64, arm32, arm64
System Requirements	<b>Minimum</b> 4 vCores, 16 GB RAM, 120 GB Storage, <b>Recommended</b> 8 vCores, 32 GB RAM, 240 GB Storage	<b>Minimum</b> 1 vCore at 1 GHz, 50 MB RAM, 50 MB Storage <b>Recommended</b> 2 vCore at 1.5 GHz, 50 MB RAM, 50 MB Storage

\* up to multiple Gbps with optional hardware.



## Rhebo OT Security Made Simple

Rhebo provides simple and effective cybersecurity solutions for Operational Technology and distributed industrial assets for the energy sector, critical infrastructure and manufacturing. The German company supports customers with OT security from the initial risk analysis to managed OT monitoring with intrusion & anomaly detection. Since 2021, Rhebo is part of the Landis+Gyr AG, a leading global provider of integrated

energy management solutions for the energy industry with around 7,500 employees in over 30 countries worldwide. As a trustworthy cybersecurity provider, Rhebo is ISO 27001 certified, and was awarded the »Cybersecurity Made In Europe« label for its strict data protection and data security policies.

[www.rhebo.com](http://www.rhebo.com)



# Literacy Means Knowledge

Rhebo Industrial Protector detects and logs all protocols within OT communication. The following list represents the protocols commonly found in OT networks as of October 2024.

Other protocols will be individually identified as »custom« protocols.  
Highlighted protocols: industry-specific protocols.

ABB	IEC61850-GSSE	PTP
ABB Redundant Network Routing Protocol	IEC61850-MMS	QNX Qnet
Acronis Backup	IEC61850-SMV	QUIC
Adobe Server	IEC 62056 DLMS/COSEM	Realtek Remote Control Protocol
ARP	IEEE 802.1ag OAM	Real Time Streaming Protocol
AXIS Camera-Management	IGMP	Remote Desktop Protocol
BACnet	Incomplete TCP	Remote Shell
Boot Service Discovery Protocol	Intel Advanced-Network- Services	Rhebo
Canon BJNP	Internet Printing Protocol	RK 512
CIP	Internet Small Computer Systems Interface	Routing Information Protocol
Cisco	Inter-Switch Message Protocol	S7/S7+
Cisco CDP	IPsec Authentication Header	SentinelSRM
Cisco CGMP	IPsec Encapsulating Security Payload	Sercos III
Cisco DCE	IPv6	Siemens Spectrum Power TG
Cisco DTP	Java Remote Method Invocation	Siemens SICAM PAS/PQS
Cisco EIGRP	Kerberos	Simple Object Access Protocol
Cisco WLCPP	Landis+Gyr Outside Data Exchange Protocol	Sinec H1
Codesys	Line Printer Daemon Protocol (LPD)	SKINNY
COTP	Link Aggregation Control Protocol	Slow Protocol
DCE/RPC	Link Aggregation Marker Protocol	SMA
DECnet	LDAP	SMB
DHCP	LLC	SMTTP
DNP3	LLDP	SNMP
DNS	LLMNR	SqlNet2
EAP over LA	LonTalk	SQL Server Resolution Protocol
ECTP	McAfee ePO	SSDP
EGP	mDNS	SSH
ELCOM-90	Modbus	SSL
ESET Remote Administrator	MQTT	STOMP
EtherCAT	MRP	STP
Fortinet	Munin Data Exchange Protocol	Stream Control Transmission Protocol
FTP Control	MySQL Client-Server Protocol	Symantec Endpoint Protection Manager
FTP Data	Nagios	Syslog
General Electric	NetBIOS	TDS
General Inter-ORB Protocol	NET_TCP	Telnet
GigE Vision Control Protocol	NFS	TFTP
GigE Vision Streaming Protocol	NTP	Tivoli Storage Manager
Haag Damon	Omicron OMFind	TNS
HART	ONVIF Simple Object Access Protocol	TPKT Transport Packet
HP	OPC-UA	Undo License Manager
HP DTC	OpenProtocol	Veritas Backup Exec Client
HP Extended LLC	OSI Association Control Service	VMWare-Lab-Manager
HP PROBE	OSI Presentation Protocol	VMware Server Console
HSR	OSI Session Protocol	VNC
HSRP	OSPF	VRRP
HTTP/S	PIM	Web-Based Enterprise Management
H.248 Megaco	Powerlink	Web Services Discovery
iba Device Configuration Protocol	Proficy iFix	WinCC
ICMP	Profinet	X11
IEC60870-5-104	Profinet-IO CM	ZABBIX
IEC61850-GOOSE	PSI	.NET TCP Binary Protocol