

THE AGILOX IO BOX MAKES THE COMMUNICATION WITH PERIPHERAL DEVICES POSSIBLE

AGILOX IO

The AGILOX IO is an industrial control system (optionally Beckhoff or Siemens) with potential-free relay outputs and digital inputs (24VDC), which is connected to the AGILOX network. It can be used as an interface with the system operator's automation world and connects fieldbus systems and the IOs with the AGILOX network to ensure the required data exchange.



Siemens



Beckhoff

StandardSi 14/10



StandardBE 12/6



MiniSI 6/4



Type	StandardSi 14/10	StandardBE 12/6	MiniSI 6/4
Art.-Nr.	AGIIO-NSI	AGIIO-NBES	AGIIO-MSIS
PLC Manufacturer	Siemens	Beckhoff	Siemens
Control Cabinet	760 x 760 x 300 mm (WxHxD)	400 x 300 x 155 mm (WxHxD)	Yes
Input Count	14	12	6
Output Count	10	6	4
Output Characteristics	potential-free	potential-free	potential-free
I/O Extension Possible	max. 7 x IO Extension SI 16/16	No	No
Network Connection	Ethernet	Ethernet	Ethernet
Decentralized IOs possible	No	No	No
Assembly and Wiring	by customer	by customer	by customer
Required Power Supply	110 - 230 VAC	110 - 230 VAC	110 - 230 VAC

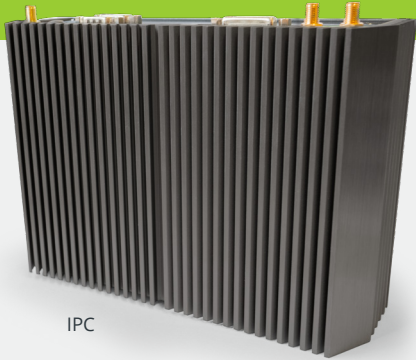
MAXIMUM EFFICIENCY

**ALL PRODUCTS WITH
THE PROVEN AGILOX
X-SWARM TECHNOLOGY**

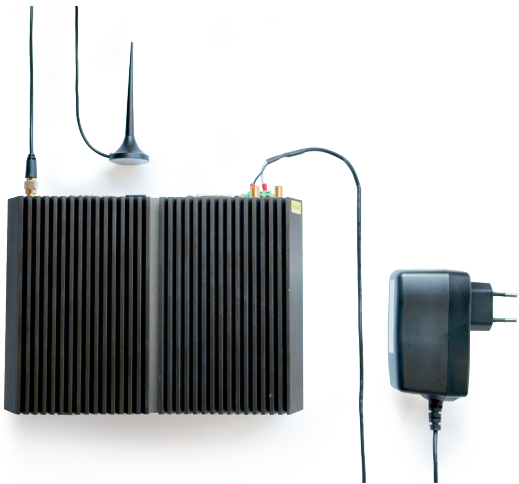


AGILOX IPC - GATEWAY APPLIANCE

AGILOX swarms do not need a master computer, the vehicles communicate with each other via WLAN and via this path they also communicate with higher-level IT systems (e.g. ERP, WMS, MES). In order to provide a permanently available contact person for these higher-level systems, who can also be reached via Ethernet, there is the Gateway Appliance. This instance consists of an industrial PC running the AGILOX Core Software. This means that orders from higher-level systems can also be transferred to the AGILOX system if, for example, all AGILOX vehicles are switched off or no WLAN is available at the moment.

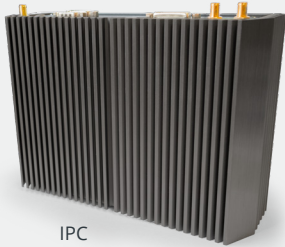


Type	Simple IPC
Art.-Nr.	AGIIO-SIPC
PLC Manufacturer	-
Control Cabinet	No
Input Count	-
Output Count	-
Output Characteristics	-
I/O Extension Possible	No
Network Connection	Ethernet + WiFi
Decentralized IOs possible	No
Assembly and Wiring	by customer
Required Power Supply	230V



AGILOX HYBRID BOX

The Hybrid Box combines the communication interface to automation units (IO Box) and IT systems (Gateway Appliance) in one control cabinet.



Type	Hybrid BE	Hybrid SI
Art.-Nr.	AGIPC-HBE	AGIPC-HSI
PLC Manufacturer	Beckhoff	Siemens
Control Cabinet	400 x 800 x 300mm (WxHxD)	760 x 760 x 300mm (WxHxD)
Input Count	12	14
Output Count	6	10
Output Characteristics	potential-free	potential-free
I/O Extension Possible	No	max. 7xIO Extension SI 16/16
Network Connection	Ethernet + WiFi	Ethernet + WiFi
Decentralized IOs possible	No	No
Assembly and Wiring	by customer	by customer
Required Power Supply	110V-230V	110V-230V



OTHER IO BOXES

Type	SimpleBE 12/6	SimpleBE 32/8	SimpleBE 128/32
Art.-Nr.	AGIIO-SBES	AGIIO-SBEM	AGIIO-SBEL
PLC Manufacturer	Beckhoff	Beckhoff	Beckhoff
Control Cabinet	No	No	No
Input Count	12	32	128
Output Count	6	8	32
Output Characteristics	potential-free	potential-free	non potential-free
I/O Extension Possible	No	No	No
Network Connection	Ethernet	Ethernet	Ethernet
Decentralized IOs possible	No	No	No
Assembly and Wiring	by customer	by customer	by customer
Required Power Supply	24VDC/4A	24VDC/4A	24VDC/4A

Type	SimpleSI 14/10	StandardBE 128/32	StandardBE WiFi 12/6
Art.-Nr.	AGIIO-SSI	AGIIO-NBEL	AGIIO-NBEW
PLC Manufacturer	Siemens	Beckhoff	Beckhoff
Control Cabinet	No	600 x 380 x 210 mm (WxHxD)	600 x 380 x 210 mm (WxHxD)
Input Count	14	128	12
Output Count	10	32	6
Output Characteristics	potential-free	non potential-free	potential-free
I/O Extension Possible	max. 7 x IO Extension SI 16/16	No	No
Network Connection	Ethernet	Ethernet	Ethernet + WiFi
Decentralized IOs possible	No	No	No
Assembly and Wiring	by customer	by customer	by customer
Required Power Supply	24VDC/4A	110V-230V	110V-230V

Type	StandardSI WiFi 14/10	Decentral BE 8/4
Art.-Nr.	AGIIO-NSIW	AGIIO-DBE
PLC Manufacturer	Siemens	Beckhoff
Control Cabinet	760 x 760 300 mm (WxHxD)	400 x 300 x 155 mm (WxHxD)
Input Count	14	8
Output Count	10	4
Output Characteristics	potential-free	potential-free
I/O Extension Possible	max. 7 x IO Extension SI 16/16	Beckhoff EP2338-1001
Network Connection	Ethernet	Ethernet
Decentralized IOs possible	No	max. 12 boxes with 8 digital channels each (max. 32 outputs can be used)
Assembly and Wiring	by customer	by customer
Required Power Supply	110V-230V	110V-230V