

Ai-Hub



Model:
Ai-Hub G01



Flexibility

- Coordinate multiple Solplanet inverters in complex systems with export-limit capability
- Remote device management through Solplanet's App, easy access from anywhere
- Flexible DIN-rail or wall-mounting with smart cable cover



Connectivity

- Smart setup, connection and monitoring via the Solplanet App
- Seamless integration with Solplanet inverters with time-saving commissioning for multi-inverter setups
- Multiple communication interfaces to ensure maximum connectivity



Security

- Encrypted communication for safer data interaction and regulatory compliance
- Isolated network for the inverters to increase resilience and security
- Dual power supply inputs for maximum up-time

Technical Datasheet

Ai-Hub G01

Network data	Ethernet / WAN	1 × WAN, 10 / 100 Mbps, Auto MDI/MDI-X
	Wireless / Wi-Fi	2.4GHz + 5GHz Dual Frequency
Device Communication Interface	Ethernet / LAN	1 × LAN, 10/100 Mbps, Auto MDI/MDI-X
	Serial Port	2 × RS485, RJ45
		2 × RS485, 2 × 3PIN Terminal
	Digital Input Port	4 × DI for RCR
	Remote Control Port	1 × NS Protection
	DRM0/EnWG §14a Port	1 × DRM0 / §14a Digital Input
	Digital Output Port	4 × DO
Contact Capacity DC 12V/1A		
Power	DC Input	Rated Input: 12V/1A
		Allowed Voltage Input Range: 9.5 V ~ 13.2 V
		Dual-power Supply Input
	DC Output	12V / 100mA
Power Consumption	Typ. 3W; Max. 8W	
Human Machine Interface(HMI)	Indicators	3 × LED: PWR, COM, ALARM
	Local Commissioning	Solplanet App
	Button	1 × Reset Button
	Nearby Communication	BLE (Bluetooth Low Energy)
Environmental Parameter	Working Temperature	-25 °C ~ 60 °C
	Storage Temperature	-40 °C ~ 85 °C
	Relative Humidity	5 % - 95 %, Non-condensing
	Highest Altitude	3000 m
Mechanical Parameter	Dimensions (W / H / D)	140 / 105 / 54 mm (without wiring cover)
		140 / 160.4 / 54 mm (with wiring cover)
	Weight	373 g
	Ingress Protection	IP20
	Mounting Method	DIN-rail-mounting, Wall-mounting

