



Nexus Gateway



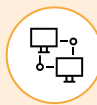
Harness the power of real-time monitoring, configuration, and control with the AERL Nexus. With intuitive, feature-rich functionality, our communications gateway is specifically tailored for seamless remote management of distributed energy systems.



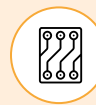
Product Highlights



AERL Cloud Compatible



Isolated CAN Bus



Isolated RS485



Programmable I/O Ports *



24/48V DC Power Input



Wi-Fi & Ethernet

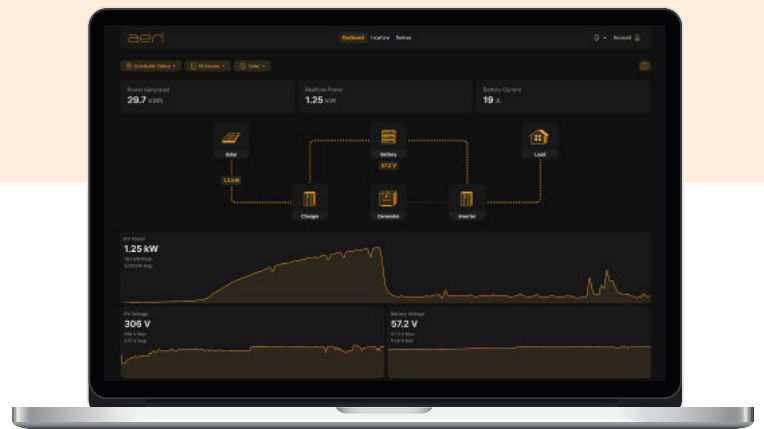


4G with External Antenna *

* Available on the Nexus 4G Model

Australian Energy Research Laboratories

📍 2/75 Bluestone Circuit, Seventeen Mile Rocks, QLD
✉ sales@aerl.com.au
🌐 www.aerl.com.au



Nexus Gateway

General Specifications	
Parameter	Typical
Weight	350–400 g
Dimensions (H x W x D)	160 x 105 x 35 mm
Enclosure Type	Indoor Type 1 / IP20
Mounting Method	Wall or Din Rail
Input / Output Power	15 – 60Vdc 5V USB-C

Characteristics	Nexus Lite	Nexus 4G
CAN Bus Ports	2 – RJ45	2 – RJ45
Modbus RS485 Ports	1 – RJ45	1 – RJ45
USB Ports	1 – USB-C	1 – USB-C
Ethernet Ports	1 – RJ45	1 – RJ45
Digital Inputs	-	Yes
Output Relays	-	Yes
Dual Band Wi-Fi	Yes	Yes
4G w/ Sim Card	-	Yes
Encryption	SSL/TLS	SSL/TLS
Operating Temperature Range	-20 to 50 C	-20 to 50 C
Storage Temperature Range	-40 to 70 C	-40 to 70 C
Power Consumption	5W	7W
Part Number	nexus	nexus-4g

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