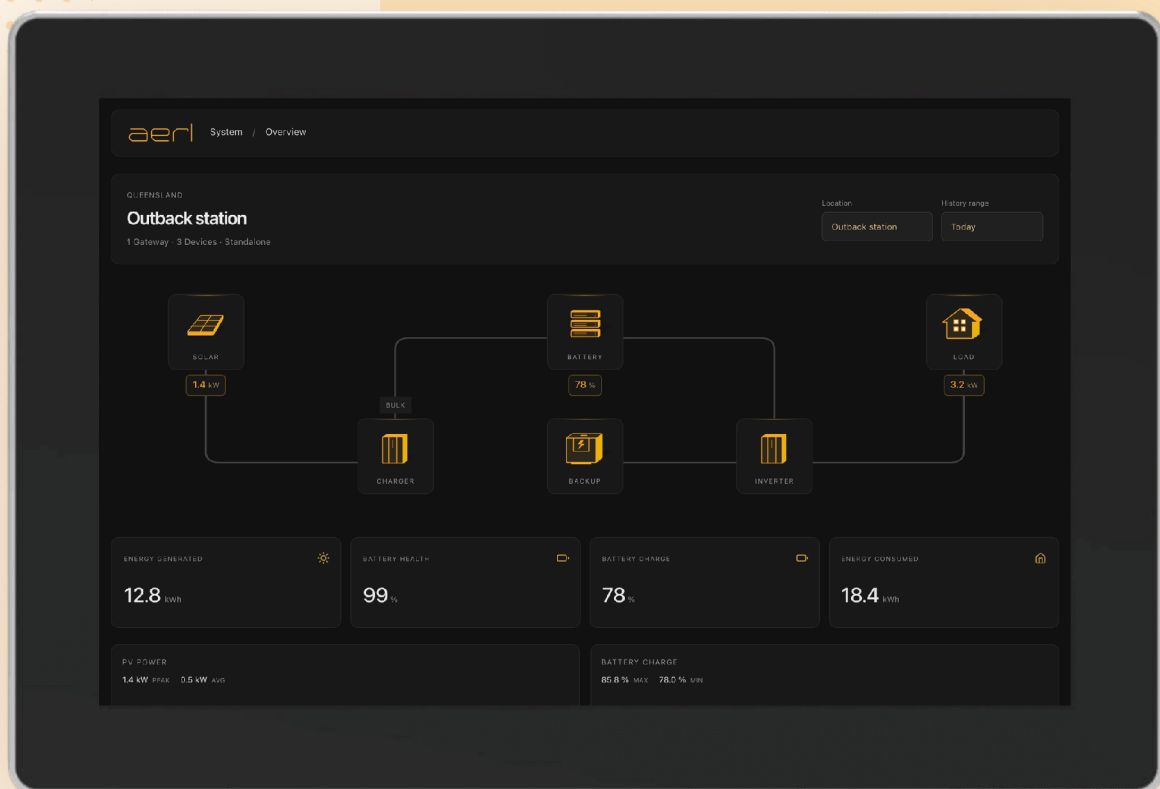


HMI-10

10.1" Sunlight-readable Touch HMI

A **1000 nit** IPS touch display with an onboard quad-core computer, built to display live system operation data at the cabinet door. **IP65 front**, full-metal enclosure, rated **-20 to 70 °C**.



10.1 in
1280 × 800 IPS

1000 nits
SUNLIGHT
READABLE

IP65
FRONT PROTECTION

-20 → 70 °C
OPERATING TEMP.

Specifications

HMI-10 • AER19

The AERL Industrial HMI (HMI-10) pairs a 10.1" high-brightness IPS panel and industrial-grade capacitive touch with an embedded Rockchip RK3568 computer in a single full-metal housing. It gives operators a local, sunlight-readable view of live system operation — power flow, battery state and energy totals — directly at the installation.

■ DISPLAY & TOUCH

Screen size	10.1 in
Resolution	1280 × 800
Panel	IPS, normally black
Luminance	1000 cd/m ²
Viewing angle	All directions
Touch	Capacitive, 10-point
Backlight life	30,000 h min.

■ MECHANICAL

Dimensions	260.4 × 177.4 × 37 mm
Weight	1.21 kg
Enclosure	Full metal
Ingress	IP65 (front)
Mounting	Panel or VESA 75 rear
Operating temp.	−20 to 70 °C
Storage temp.	−30 to 80 °C

■ COMPUTING

Processor	RK3568 quad-core, 2.0 GHz
Memory	2 GB LPDDR4
Storage	32 GB eMMC
Operating system	Linux

■ INTERFACES

Ethernet	2 × Gigabit
RS-485	2 ports
CAN	2 ports
RS-232	2 ports
Wireless	Wi-Fi, Bluetooth, 4G LTE
USB	2 × USB-A, 1 × USB-C OTG
Video out	HDMI 1.4

■ POWER

Input voltage	12–24 Vdc*
Consumption	9.6 W typ.

* 24 Vdc via in-line MW N7812-2CW

01 Readable in full sun

1000-nit IPS panel stays legible outdoors from any viewing angle.

02 Live system data on-site

Local power flow, battery state and energy totals on a touchscreen at the cabinet.

03 Built for the field

IP65 front, full-metal body. Panel-mounts, or VESA 75 rear-mounts behind a switchboard door window.

04 Wide temperature range

Operates from −20 to 70 °C for unconditioned enclosures and plant rooms.

SUPPLIED BY

Australian Energy Research Laboratories
1/75 Bluestone Circuit,
Seventeen Mile Rocks QLD

ORDERING

HMI-10 • 10.1" Touch HMI

2-year warranty

RoHS

CONTACT

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