AEO | PRODUCT INFORMATION

AEO-8C1101S-4G

4G intelligent IoT terminal

English · Revision EN-20261101 · Published specifications snapshot

Compiled from AEO's published English product page on 1 November 2026. Values reflect that source; this document does not establish certification or compatibility beyond the listed specifications. Confirm the configuration and any marked values before ordering.

Operating power supply	DC12V / 2A
Controlled AC220V power	1 x AC220V input and 1 x AC220V output; maximum load current 3A; industrial terminal blocks
Controlled DC12V power	1 x DC12V input and 3 x DC12V outputs; maximum load current per channel 3A; industrial terminal blocks
UPS backup power	Backup power for the 4G IoT communication module; DC12V; maximum output power 12W
Power class	Listed TD-LTE / FDD-LTE bands: +23 dBm, Power class 3
Measured data	Voltage and current
Ethernet standards	IEEE 802.3 10Base-T；IEEE 802.3u 100Base TX；IEEE 802.3x
Communication method	Built-in 4G CAT1; automatic wired/wireless primary/backup switching
SIM card type	Standard SIM card
TD-LTE bands	Band 34/38/39/40/41
FDD-LTE bands	Band 1/3/5/8
Antenna type	Rod antenna
Network ports	1 x RJ45; 10/100M auto-detection, full/half duplex and auto MDI/MDI-X
Communication protocols	HTTP/TCP
Status monitoring interfaces	1 set each for door status and water ingress
Communication interfaces	1 x RS485
Management method	WEB; remote upgrade

Protection rating	IP20
Environmental data	Temperature and humidity measurement
Enclosure	ABS; silver; integrated modular design
Mounting and cooling	Standard 35 mm DIN rail mounting; fanless natural cooling
Overall dimensions	105.5 × 87.5 × 60 mm (L × W × H)
Operating temperature	-40～85°C
Storage temperature	-40～85°C
Relative humidity	5%–95%, non-condensing

Source: https://www.aeo-cctv.com/en/products_e_132/AEO_8C110S_4G
For current model information and selection support, visit www.aeo-cctv.com/en/.