# Horizon Series
# ENC1A & B/ ENC2A & B

## Professional-grade Enclosures for Controllers and Expansion Boards

ENC1

ENC2

### Integrated Armatura Backplane
Each enclosure is equipped with an integrated Armatura backplane, specifically designed to be compatible with all Armatura controllers and expansion boards. This functionality simplifies the installation process and optimizes system connectivity.

### Durable Steel Enclosure
Crafted from SPCC/ ST12 cold-rolled steel, the enclosure provides robust durability and superior protection against various environmental challenges.

### Strategically Placed Knockouts
The enclosure includes multiple knockouts located on the top, side, and bottom, offering versatile options for conduit installation and efficient cable organization.

### Broad Antenna Connectors
Three antenna connectors are conveniently positioned on the top of the enclosure, enabling seamless WiFi (5GHz & 2.4GHz) and Bluetooth (BLE5.2) connections

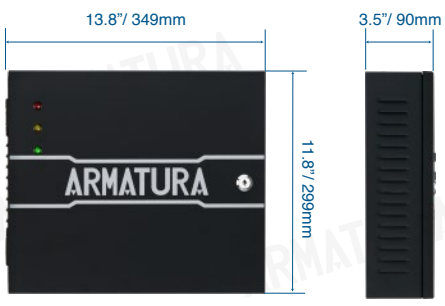
### Visible LED Indicator
Includes LED indicators on the front panel for immediate visual confirmation of the system's operational status.

### Advanced Security Features
For enhanced security, the enclosure is fitted with a cam lock to restrict access. A tamper switch is also included to trigger an alarm if any unauthorized tampering occurs.

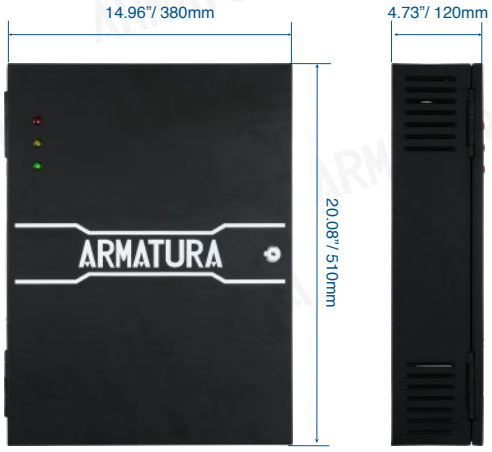
### Provision for Battery Accommodation
The enclosure is designed to comfortably house a 12V, 7.2Ah/ 20HR battery, ensuring a consistent and reliable power supply for the access control system.

### Optional Power Supply Units
The enclosure provides the option to incorporate either Armatura professional power supplies or 3rd party professional power supply units. This flexibility allows for a reliable and efficient power source tailored to the unique needs of your access control system.

## Dimensions



Horizon Series - ENC1A & B



Horizon Series - ENC2A & B

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## General Information

| | ENC-1A | ENC-1B | ENC-2A | ENC-2B |
|---|---|---|---|---|
| Power Supply Unit | N/A<br>Suggested 3rd Party<br>Power Supply Model*:<br>PMU-13V155WCCA@90-132Vac | Output: 13.7Vdc@4.5A<br>Input (Charging): 13.7V/0.5A,47-63Hz,<br>Working Temp: -4~131°F(-20~55°C)<br>StorageTemp: -40~176°F(-40~80°C)<br>Working Humidity: 10%~95%<br>Cert: CE, FCC, RoHS | N/A<br>Suggested 3rd Party<br>Power Supply Model*:<br>PMU-13V155WCCA@90-132Vac | Output:13.8Vdc@9.5A<br>Input (Charging): 13.3V/1.5A,50-60 Hz,<br>Working Temp: -4~158°F(-20°C ~+70°C)<br>StorageTemp: -40~176°F(-40~80°C)<br>Working Humidity: 5%-95%<br>Cert: CE, FCC, RoHS |
| Visual Indicators | AC input and DC output LED indicators (Red & Green) | | | |
| Backup Battery | N/A, Suggested 3rd Party Backup Battery Model**:12V, 72Ah/20HR | | | |
| Wi-Fi Antenna Port | 1*2.4GHz Wi-Fi (IEEE802.11ac, SMA Female)<br>1*5GHz Wi-Fi (IEEE802.11n,SMA Female)<br>At the Top of the Enclosure | | | |
| Bluetooth Antenna Port | 1*2.4GHz BLE5.2 (SMA Female) At the Top of the Enclosure | | | |
| Number of Knockouts | Top: 6pcs (1" diameter)<br>Bottom: 6pcs (1" diameter) | | Top: 4pcs (1" diameter)<br>Left: 5pcs (1" diameter)<br>Bottom: 4pcs (1" diameter) | |
| Max. Support Boards | 1 | | 2 | |
| Certifications | CE, FCC, RoHS, UL294 (coming Soon) | | | |
| Compatabile Devices | AHSC-1000, AHDU Series, AHEB Series | | | |
| Casing Material | SPCC/ St12 standard Cold-rolled Steel | | | |
| Enclosure Dimensions | 13.8"W x 11.8"H x 3.5"D (349mm x 299mm x 90mm) | | 14.96"W x 20.08"H x 4.73"D (380mm x 510mm x120mm) | |
| Power Supply Unit Dimensions | 4.33"W x 3.07"H x 1.42"D (110mm x 78mm x 36mm) | | 7.01"W x 3.82"H x 1.50"D (178mm x 97mm x 38mm) | |
| Backup Battery Dimensions | 7.68"L x 3.94"W x 5.12" H (195 x 100 x 130mm) | | 7.68"L x 3.94"W x 5.12"H (195 x 100 x 130mm) | |
| Weights | 5.67lbs (2570g) | 6.22lbs (2820g) | 12.9lbs (5850g) | 14.01lbs (6350g) |

*This is a recommendation only. Users should consider their actual deployment scenarios to select the power supply device that best suits their needs.

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ScreenCheck India, a Centena group company, is a one-stop solution provider of identity and security in India. Screencheck provides individual as well as end-to-end integrated solutions for

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- Access Control
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and other innovations that meet 21st-century security requirements. The unique solutions are catered to Government, Corporate, Educational, Manufacturing, Retail and other major industries across India. The global domain expertise built over these years has made Screencheck the entrusted identification and security solutions partner in the region.

## SCREENCHECK INDIA PVT LTD


**Registered Office**
Chennai
KRM Tower, No. 1,
8th Floor Harrington Road,
Chetpet, Chennai,
Tamil Nadu-600031

Pan India no:
+91 8130078843

Write to us:
info.scin@centena.com