



PRODUCT SPECIFICATION

Product Line: **EVSE**

Product #: **3725** Version #: **A04xx**

Payment Module, Pole/Wall Mount

The Model 3725 Payment Module operates as the central payment, access and communication system manager for a network of Electric Vehicle Supply Equipment (EVSE) charging stations.

When communicating between an EVSE and a Payment Module, your options are ZigBee Mesh or Serial RS-232. When communicating between a Payment Module and your host network, your options are Cellular or Ethernet, where the unit communicates with third-party networks. The Payment Module does not need to be physically connected to EVSEs when set up for wireless Zigbee communication.

The Payment Module is packaged in a NEMA 3R-rated durable ABS enclosure designed to withstand the harshest elements, including direct rain and external icing.

The 3725 has a user-friendly 3x4 keypad, with stainless steel snap domes for tactile feel. The keypad is also sealed to be weather-resistant. A 4x20 LCD is designed to be seen clearly and outdoors in direct sunlight.

The 3725 can be equipped with an optional encrypted magnetic card reader to allow payment with credit and debit cards. An optional RFID reader is also available for pre-issued, non-contact RFID cards.



Data Processor: The 3725 Payment Module is equipped with a programmable microprocessor, Real Time Clock, and 32G SD card for data storage memory.

Card and card holder information is encrypted as it is transmitted to the credit card payment processor, and is never stored locally in the Payment Module. When a valid card authorization is received, the EVSE is activated, and the start of the transaction is stored locally and can be optionally transmitted to a central host. The charging cost is held against the card until charging is complete and the cable is removed from the vehicle, at which time, if being used, the host computer is notified, payment is finalized, and fees are charged.

Modular Design: No special tools are required to reconfigure or replace in the field. The Payment Module is mounted on a pre-wired pole, or on the wall using a durable, powder-coated metal mount with knockouts for conduit.

Keypad: Stainless steel snap domes for tactile feel.

Display: LCD, 4 rows, 20 alphanumeric characters per row

Environmental Considerations: The Payment Module operates at safe, low-voltage power supplied by the EVSE connection. It is constructed with high-impact ABS plastic, and is engineered to resist the harshest elements. A NEMA 3R enclosure stands up to direct rain, external icing and is rust-resistant.

Dimensions: 17 9/16" H x 4" W x 2 1/2" D

Operating Ranges:

Humidity: 0 – 90% non-condensing
Temperature : -22F to 122F (-30C to 50C) Ambient

Power:

+24VDC @ 1Amp

Standards:

Meets FCC Part 15 Class A, Canadian ICES-003 and NEMA 3R standards

Host Network Connections: One of the following:

Ethernet Port: Standard 10/100 IEEE 802.3

Cellular Modem: Compatible with all major US cellular operations

EVSE Connection: One of the following:

Zigbee Mesh: Communicate with up to 32 EVSE's over a 2.4GHz wireless connection

Serial: Communicate with up to 8 EVSE's over a hard-wired connection

Payment Card: Either or both:

Credit/Debit Card Reader: An encrypted magnetic card reader

RFID Card Reader: Non-contact card reader compatible with all Mifare /iCLASS cards

Label Description: **Payment Module, Pole/Wall Mount**

Product Code: **3725-A04xx**

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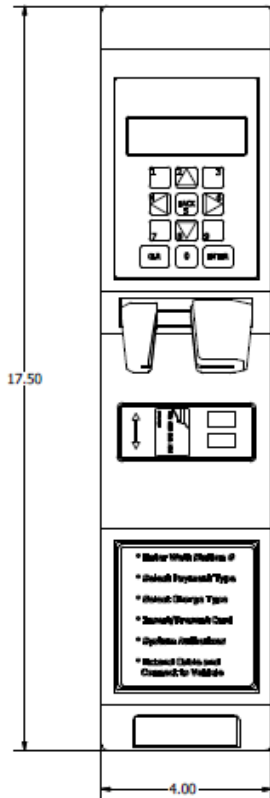
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3725-A04xx Mechanical Drawing:

Pole-Mount Dimension:



Wall-Mount Dimensions

