

# **SSPA-24**

**AC to DC 90W Power Adaptor**

## **User Guide**

| Revision | Release Date |
|----------|--------------|
| V1.0     | 2015/05/21   |

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## CHAPTER 1 INTRODUCTION

**1.1 General Description**

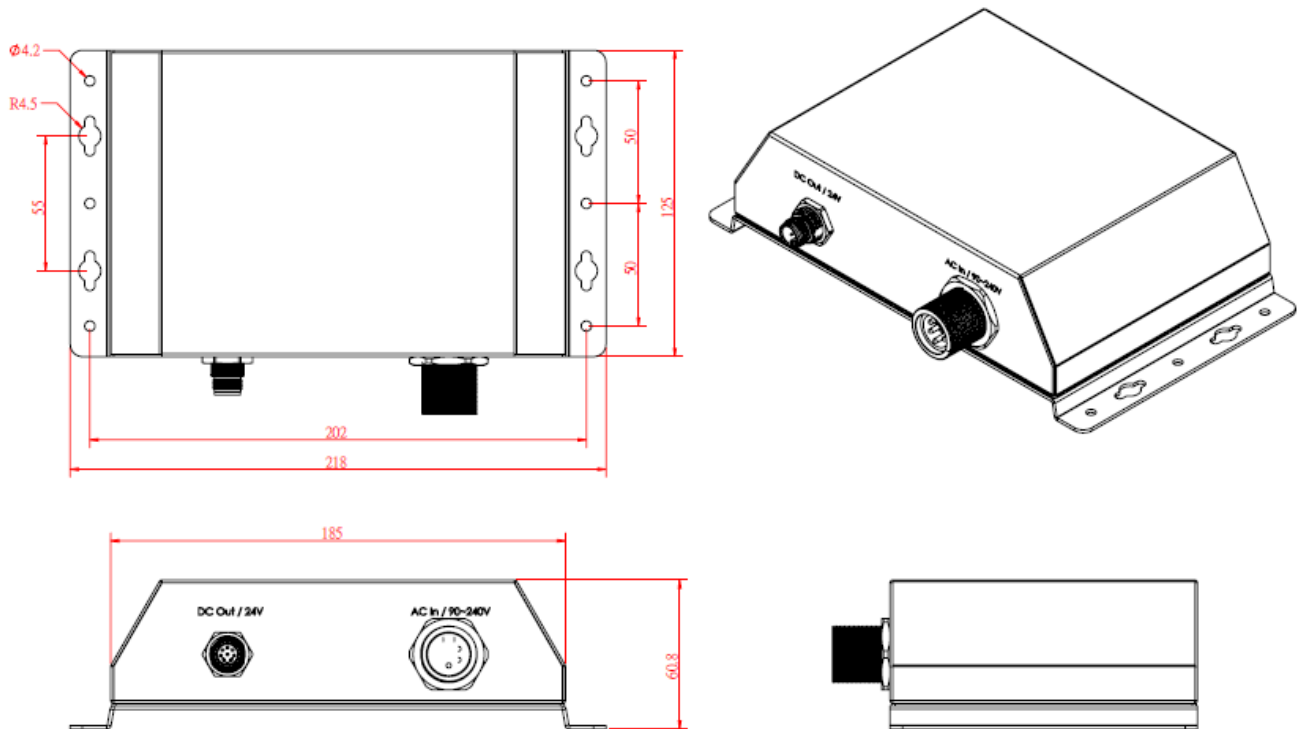
The SSPA-24 is an AC to DC 90W power adaptor with an M12 connector and features total IP56 waterproof protection. It comes with 304 stainless steel housing and optional 316 stainless steel, which makes it ideal for food, livestock, chemical, mining, petro and factory automation or any other industrial applications.

**1.2 Hardware Specifications**

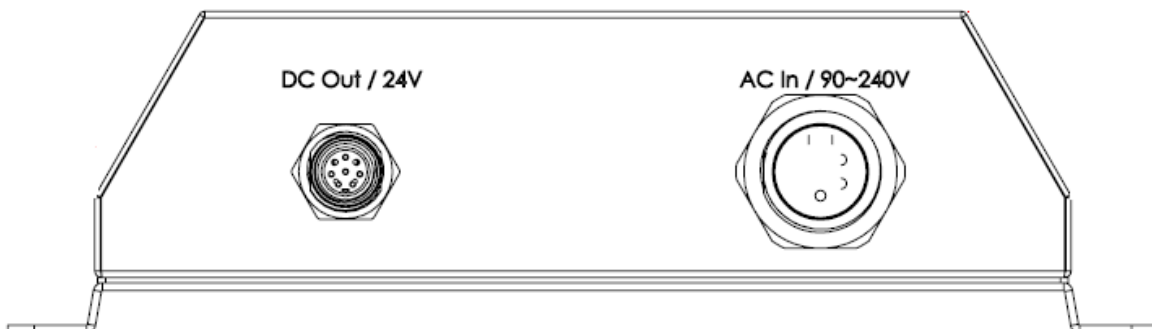
| Specifications –SSPA-24 |   |
|-------------------------|---|
| Edge I/O                |   |
|                         | <ul style="list-style-type: none"> <li>- M23 connector AC input</li> <li>- 4-pin M12 connector DC output (4 pin definition: +/-G/earth ground)</li> </ul> |
| Power                   |   |
| Power Module            | - AC/DC open frame  |
| Power Supply            | - 24V DC input  |
| Construction            |   |
| Chassis                 | - 304 stainless steel / 316 stainless steel for option  |
| Mounting                | - Wall mount  |
| Protection Class        | - Total IP56  |
| Environmental           |   |
| Temperature             | <ul style="list-style-type: none"> <li>- Operating: 0°C~ 50°C (Max 80W at 50°C)</li> <li>- Storage: -40°C~85°C</li> </ul>                                 |
| Humidity                | - 10%~90% (non-condensing)  |
| Regulation              | - RoHS  |
| Certification           | - CE/FCC class A  |
| Accessories             |   |
|                         | - Wall mount kits   |
|                         | - 1 x power cable M23/3P L=5m   |
|                         | - 1 x power cable M12 4P L=2m   |
|                         | - Power connector for U.S. regulation (optional)  |
|                         | - Power connector for EU regulation (optional)  |
|                         | - Power connector for Australian regulatory (optional)  |

*•This specification is subject to change without prior notice.*

### 1.3 Dimensions

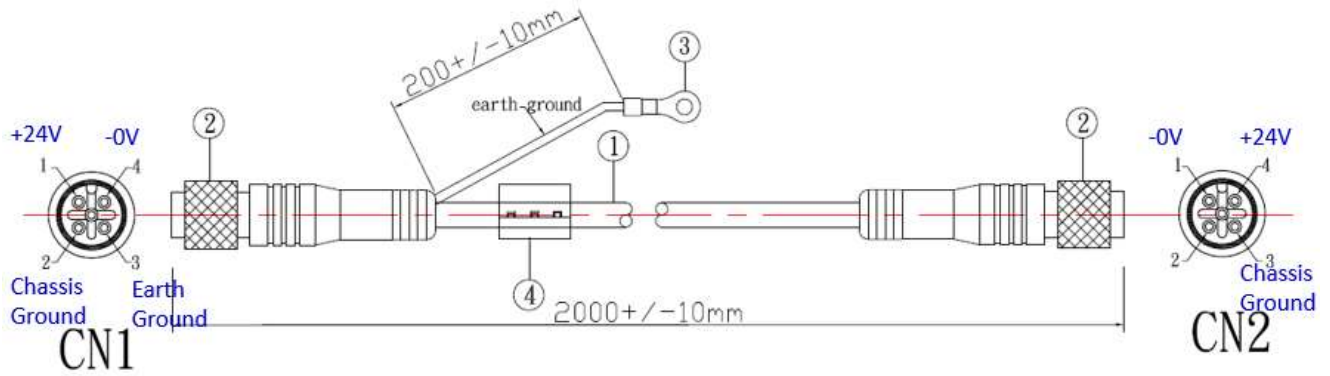


### 1.4 I/O View

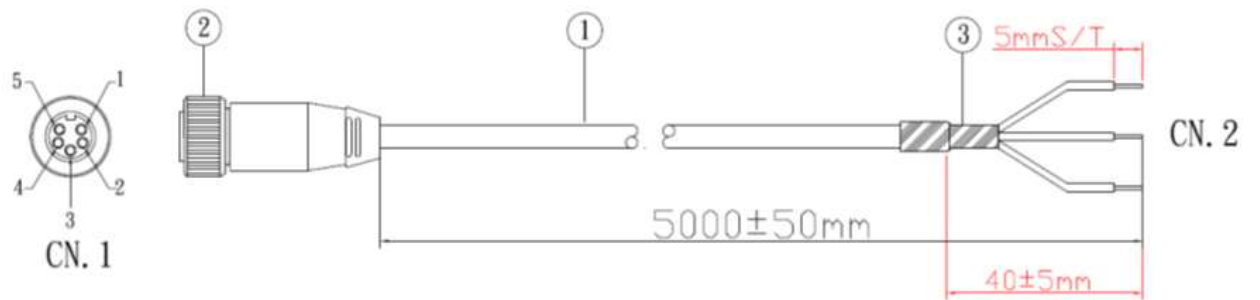


### 1.5 Pin Definition

M12 DC power cable



M23 AC power cable



| PIN OUT |            |       |
|---------|------------|-------|
| CN. 1   | Wire Color | CN. 2 |
| 1       | White      | L     |
| 2       |            |       |
| 3       | Green      | G     |
| 4       | Black      | N     |
| 5       |            |       |