



**HAWKEYE**<sup>™</sup>  
RADAR EVOLVED

# RADAR EQUIPMENT PANEL AND POWER SUPPLY DATASHEET

# Hawkeye Equipment Panel for Multiple-Sensor Deployments

The equipment panel is the communications and connectivity hub of the Hawkeye system. It provides environmentally hardened DC power supply with cables, and an Ethernet switch, both of which support the four Hawkeye sensors and adjacent components.

## FEATURES

- Supports four radar sensors with context camera
- All DIN rail mount components:
  - TDK-Lambda DPP240-48-1 48 VDC 240W Output, DIN rail mount power supply
  - 4, 48 VDC Passive PoE injectors and Ethernet Surge Protectors
  - 4, DIN-rail mounted, 1 A slow-blow fuses
  - 48 VDC and DC terminal blocks

## SPECIFICATIONS

### Dimensions

- 12 5/8" T x 9 1/2" W x 6" D  
(321 mm x 241 mm x 152 mm)

### Weight

- 8.05 lbs (3.66 kg)

### Environment

- Operating Temp: -40°C to +74°C
- Storage Temp: -45°C to +85°C

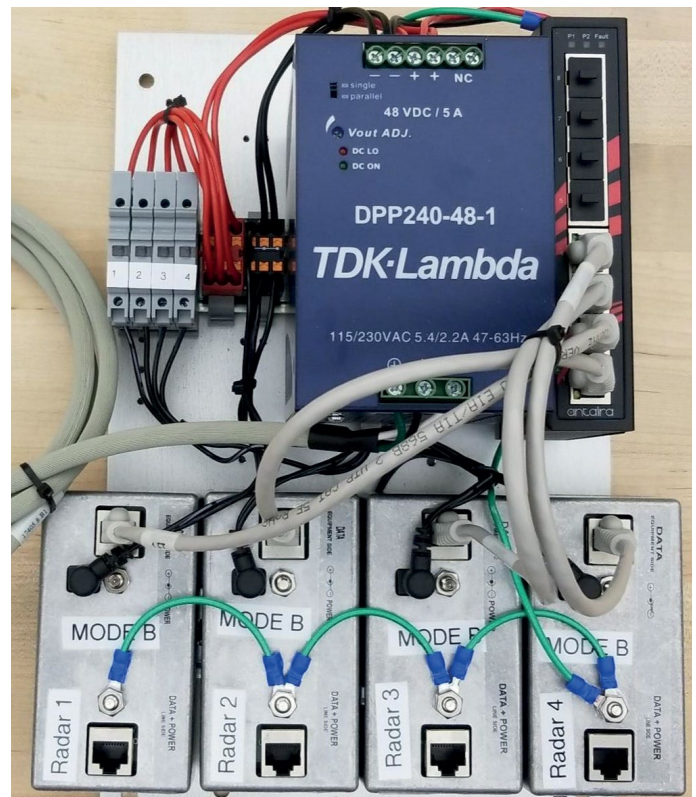


Fig. 1 Hawkeye Equipment Panel for Multiple Sensors

# Hawkeye Processing Unit Power Supply for Multiple Sensors



*Fig. 2 Hawkeye Processing Unit Power Supply with Power Cables*

## FEATURES

- TDK-Lambda DPP480-24-1 24 VDC 480W Output power supply
- LED Indicators: Green LED = On, Red LED = DC Output Low
- Safety Agency Approvals: UL508 Listed, UL60950-1, EN60950-1, CE
- Auto-ranging Input (no manual switching)
- Parallel Function Switch
- DIN rail mount

## SPECIFICATIONS

### Dimensions

- 4 7/8" T x 6 7/8" W x 4 7/8" D  
(124 mm x 175 mm x 124 mm)

### Weight

- 5 lbs (2.27 kg)

### Environment

- Operating Temp: -40°C to +74°C
- Storage Temp: -40°C to +85°C
- Operating Humidity: 20 - 95% RH (non-condensing)

# Hawkeye Equipment Panel for Single-Sensor Deployments

The equipment panel is the power and communications hub of the Hawkeye system. It is equipped with two environmentally hardened DC power supplies and a single 48 VDC passive PoE injector to support the Hawkeye sensor and adjacent components.



*Fig. 3 Hawkeye Equipment Panel for Single-sensor Deployments*

## FEATURES

- Supports a single radar sensor with context camera
- All DIN rail mount components:
  - TDK-Lambda DPP240-48-1 48 VDC 240W Output, DIN rail mount power supply
  - TDK-Lambda DPP480-24-1 24 VDC 480W Output power supply
  - A single 48 VDC Passive PoE injector and Ethernet Surge Protector
  - 1, DIN mounted 1 A, slow-blow fuse

## SPECIFICATIONS

### Dimensions

- 4 7/8" T x 13" W x 4 7/8" D  
(124 mm x 330 mm x 124 mm)

### Weight

- 9 lbs (4.08 kg)

### Environment

- Operating Temp: -40°C to +74°C
- Storage Temp: -40°C to +85°C



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The information provided herein relates only to the specific Product designated and may not be applicable when such Product is used in combination with other materials or in any process not defined herein. All operating parameters, including typical parameters, must be validated for each customer application by the customer/user's technical experts.

Statements regarding the suitability of Products for certain types of applications are based on Rhythm's knowledge of typical requirements that are often placed on Rhythm's Products in generic/general applications. Therefore, it is important that customer/user has thoroughly tested the Products and has understood their performance and limitations before installing them for the final applications.

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