# RedLion®
## BY HMS NETWORKS

# DA Series FlexEdge Wi-Fi Sled

**Item number: DAS00WF10N0AM000**

The FlexEdge Wi-Fi Sled avoids costly rip-and-replace scenarios. Built for harsh industrial settings and installs easily into your DA50 or DA70 device. Wi-Fi communications sled powered and controled by your FlexEdge device.

*Add Wi-Fi client or access point capability to your FlexEdge devices*

## Features and benefits

✓ **Wi-Fi capability for your DA device**
Interface: One RP-SMA Connector.

✓ **Power output**
2.4 GHz operation with 20.5 dBm output

✓ **Configured using Crimson® software**
Programmed with industry leading Crimson® configuration software (version 3.2 or later). Easy to use with low/no code graphical user interface.

✓ **Designed for harsh industrial environments**
Engineered to deliver uncompromising performance in demanding environments. Operating temperature of -40 °C to 75 °C.

✓ **Power supplied by FlexEdge host controller**
Maximum power is 2.1 W.

✓ **Wi-Fi compliance**
TCP/IP; 802.11 b/g/n Wi-Fi MAC protocol

✓ **Simplified deployment architecture**
One front panel RP-SMA main antenna connectorion

✓ **LED status monitoring**
STS LED indicates sled's communication connection with controller. Wi-Fi Mode LED shows Wi-Fi mode. Wi-Fi Signal LED shows Wi-Fi connection activity.

✓ **Leading industry certifications**
CE, ATEX, IECEx, UKEX and Class 1, Division 2 approvals for hazardous locations. ABS type approval for shipboard applications.

# DA Series FlexEdge Wi-Fi Sled

## General

| | |
|---|---|
| Net Weight (g) | 0.01 |
| Packed Width (mm) | 152.4 |
| Packed Height (mm) | 101.6 |
| Packed Depth (mm) | 203.2 |
| Packed Weight (g) | 0.01 |
| Operating Temperature °C Min | -40 |
| Operating Temperature °C Max | 75 |
| Storage Temperature °C Min | -40 |
| Storage Temperature °C Max | 80 |
| Relative Humidity | 0 to 95% max. RH noncondensing |
| Power Consumption (W) | 3 |
| Input Voltage (V) | 20.5 dBm |
| Maximum Installation Altitude (m) | 2000 |
| Packaging Material | Cardboard |
| Warranty (years) | 3 |

## Identification and Status

| | |
|---|---|
| Product ID | DAS00WF10N0AM000 |
| Country of Origin | United States of America (the) |
| HS Code | 8517699000 |
| Dual Usage | No |

# DA Series FlexEdge Wi-Fi Sled

## Identification and Status

| | |
|---|---|
| **Export Control Classification Number (ECCN)** | EAR99 |

## Physical Features

| | |
|---|---|
| **Connectors / Input / Output** | antenna connection |
| **SD Card Slot** | No |
| **Flash Drive** | No |
| **Contains Battery** | No |

## Certifications and Standards

| | |
|---|---|
| **RoHS Compliant** | Yes |
| **CE** | Yes |
| **FCC** | No |
| **UKCA** | Yes |
| **UL** | Yes |
| **ATEX** | Yes |
| **DNV** | No |
| **KC** | No |
| **Vibration and Shock** | Shock: IEC 68-2-27: Operational 15 g; Vibration: IEC 68-2-6: Operational 5-500 Hz, 2 g |