**SDRAPP-IAS**

**SDR Application Interference Avoidance Scheme**

**Overview:**

SDR applications can be used in combination with SOL8SDR products to add functionality.

SDR Interference Avoidance Scheme application can be used in conjunction with SDRAPP-MESH to ensure the Mesh network switches frequency automatically when channel interference is experienced.

Up to eight preset channels can be configured to control the frequency hop of all nodes in the Mesh network. The presets can be setup directly by the master node or via DTC’s Mission Commander software control application (in development).

**Features and Benefits:**

- Self-forming, self-healing Mesh architecture
- Automatically avoids adjacent channel interference
- Up to eight preset channels
- Mission Commander compatible

**Technical Specification:**

<table>
<thead>
<tr>
<th>Interference Avoidance</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Presets</td>
<td>Up to eight channels (frequency dependent)</td>
</tr>
<tr>
<td>Node configuration</td>
<td>Master/slave</td>
</tr>
<tr>
<td>Switch threshold</td>
<td>Up to 30dB configurable</td>
</tr>
</tbody>
</table>

**Software License Code**

| Silver (included) | IAS |

**Accessory Options (sold separately):**

- **SDRAPP-MESH**
- **MCS**
- **MISCDRTAC**

* See separate datasheet

**Product Information:**

| Product Includes | Software license only |

**Related Documents**

- 100219
- NETNode Phase 5 and SDR Mesh Software Guide

For further information contact your Sales Account Manager, one of our Regional Sales Offices, or email solent.enquiries@domotactical.com

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