



## IDU-BS-G

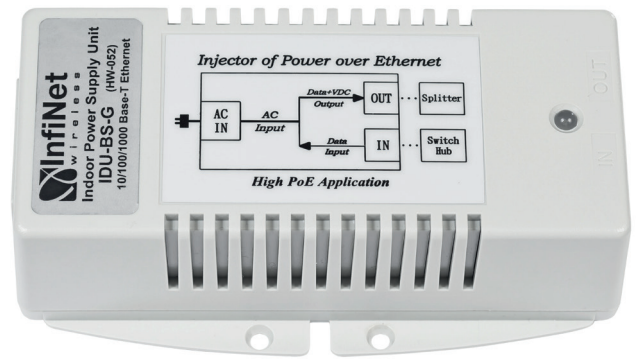
**IDU-BS-G** is an indoor AC/DC PoE injector with built-in lightning protection compatible with InfiNet Wireless R5000-Lmn/Smn, R5000-Mmx/Omx models and AUX-ODU-SYNC synchronization hub. PoE injector is powered by an AC supply in the 100-240 V range. Built-in lightning protection protects units connected to **IDU-BS-G**.

### Key Features

- ▶ Supplied by default with R5000-Omx and R5000-Mmx models
- ▶ Indoors installations only
- ▶ Built-in lightning protection

# IDU-BS-G

## Specifications



Parameter	Description																																								
Compatible models	R5000-Smn/Lmn, R5000-Mmx/Omx, AUX-ODU-SYNC																																								
Input Voltage (AC)	100 ... 240 V																																								
Output voltage	+56 V																																								
Power Consumption	50.4 W																																								
Ethernet Connectors Pin-out	<table border="1"> <thead> <tr> <th colspan="2">Ethernet IN:</th> <th colspan="2">Ethernet OUT:</th> </tr> <tr> <th>Pin</th> <th>Description</th> <th>Pin</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Data pair A+</td> <td>1</td> <td>Data pair A+</td> </tr> <tr> <td>2</td> <td>Data pair A-</td> <td>2</td> <td>Data pair A-</td> </tr> <tr> <td>3</td> <td>Data pair B+</td> <td>3</td> <td>Data pair B+</td> </tr> <tr> <td>4</td> <td>Data pair C-</td> <td>4</td> <td>+VDC + Data pair C-</td> </tr> <tr> <td>5</td> <td>Data pair C+</td> <td>5</td> <td>+VDC + Data pair C+</td> </tr> <tr> <td>6</td> <td>Data pair B-</td> <td>6</td> <td>Data pair B-</td> </tr> <tr> <td>7</td> <td>Data pair D+</td> <td>7</td> <td>-VDC + Data pair D+</td> </tr> <tr> <td>8</td> <td>Data pair D-</td> <td>8</td> <td>-VDC + Data pair D-</td> </tr> </tbody> </table>	Ethernet IN:		Ethernet OUT:		Pin	Description	Pin	Description	1	Data pair A+	1	Data pair A+	2	Data pair A-	2	Data pair A-	3	Data pair B+	3	Data pair B+	4	Data pair C-	4	+VDC + Data pair C-	5	Data pair C+	5	+VDC + Data pair C+	6	Data pair B-	6	Data pair B-	7	Data pair D+	7	-VDC + Data pair D+	8	Data pair D-	8	-VDC + Data pair D-
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Supported Ethernet Modes	10/100/1000 Mbps (Gigabit Ethernet)																																								
Operating temperature range	0...+40 °C																																								
Size and Weight	125x72x38 mm, 0.3 kg																																								
Electromagnetic compatibility	Conforms to: <ul style="list-style-type: none"> <li>FCC Class B</li> <li>EN55022 Class B</li> </ul>																																								
Lightning protection	In compliance with: <ul style="list-style-type: none"> <li>IEC 61000-4-2 (ESD) 15kB (air), 8kB (contact)</li> <li>IEC 61000-4-4 (EFT) 40A (tp = 5/50ns)</li> <li>IEC 61000-4-5 (Lightning) L5, 95A (tp = 8/20us)</li> </ul>																																								

## Connection scheme

