



AUX-ODU-LPU-G

AUX-ODU-LPU-G is an optional outdoor Lightning Protection Unit (LPU) for InfiNet Wireless systems designed to withstand the toughest conditions and protect the outdoor or the indoor unit from sudden power surges induced by lightning strikes. Despite the fact every InfiNet radio has a built-in lightning protection, AUX-ODU-LPU-G, thanks to its superior GR-1089-grade protection, greatly reduces the risk of replacing damaged devices operating in harsh environments or difficult-to-reach locations.

Key Features

- ▶ Compatible with all InfiNet products
- ▶ Fully rugged design compliant to the highest industry standards
 - GR-1089 for lightning protection allowing reliable operation in the regions with highest lightning activity
 - IP66/IP67 for water/dust protection facilitating extended operational life in coastal or desert areas as well as in the areas with frequent rains, snowfalls, etc.
- ▶ Suitable to protect both the outdoor and the indoor units (refer to the installation diagram for more details)
- ▶ Gigabit Ethernet pass-through
- ▶ Rapid and easy deployment

AUX-ODU-LPU-G

Specifications



Parameter	Description																																								
Compatible models	InfiLINK XG, InfiLINK 2x2 and InfiMAN 2x2 series																																								
Connectors and Interfaces	ETH IN – Ethernet input ETH OUT – Ethernet output (protected leg) GND – ground clamp																																								
Supported Ethernet Modes	10/100/1000 Mbps (Gigabit Ethernet pass-through)																																								
Water and Dust Protection	IP66 and IP67																																								
Ethernet Connectors Pinout	<table border="1"> <thead> <tr> <th colspan="2">ETH IN:</th> <th colspan="2">ETH 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>Data pair C-</td> </tr> <tr> <td>5</td> <td>Data pair C+</td> <td>5</td> <td>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>Data pair D+</td> </tr> <tr> <td>8</td> <td>Data pair D-</td> <td>8</td> <td>Data pair D-</td> </tr> </tbody> </table>	ETH IN:		ETH 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	Data pair C-	5	Data pair C+	5	Data pair C+	6	Data pair B-	6	Data pair B-	7	Data pair D+	7	Data pair D+	8	Data pair D-	8	Data pair D-
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Compliance	<ul style="list-style-type: none"> GR-1089 IEC 61000-4-2 (ESD) 15kV (air), 8kV (contact) IEC 61000-4-4 (EFT) 40A (tp = 5/50ns) IEC 61000-4-5 (Lightning) L5, 95A (tp = 8/20us) ETSI ETS 300 386 																																								
Size and Weight	34x94x121 mm, 0.28 kg																																								
Operating temperature range	from -55°C to +60°C																																								

Recommended Installation Layout

A separate grounded protection device should be installed between the ODU and the antenna, on each of the 2 RF cables, in case the antenna has no DC-short protection circuit.

