

OPS-AC Release Note

Mar 2006

Introduction

The OPS-AC is a member of the OPS family of Outdoor Power Supply units that are intended to be used with different Alvarion radio units in applications where there is a need to install the power supply unit outdoors. Video surveillance and Homeland security are two such applications that will require the use of the OPS-AC.

Note that while the OPS-AC is designed for extended temperatures, it is not waterproof and should not be exposed to direct outdoor humidity. It is therefore required to always install the OPS-AC inside an outdoor box that protects it from the outdoor humidity.

The OPS-AC, an Extended Range Outdoor Power Supply Unit is:

- A compact unit, fully operational in temperature range of -40 to 55°C
- Functionally (but not physically) similar to the existing IDU

The OPS unit can replace the regular Alvarion indoor power supply unit (IDU) in the

Following product lines:

- BreezeMAX: CPE and PRO CPE
- BreezeACCESS VL: SU and Stand-Alone AU (AU-SA)
- BreezeNET B: BU and RB
- BreezeNET DS11: BU and RB (version 4.0 and higher)

The table below lists the specifications of the main parameters of the OPS-AC:

OPS-AC Specification		
Electrical	Input voltage	100 – 240 VAC
	Input Frequency	47 – 63 Hz
	Input Current	1.5 A
Output	Output Voltage	55 VDC
	Output Current	1.0 A
Environmental	Operating Temperature	-40 to 55 °C (-40 – 131 °F)
	Humidity	5%-95% non condensing
Mechanical	Dimensions	14 x 6.6 x 3.5 Cm (5.5x2.6x1.4 inch)

OPS-AC Specification		
	Weight	0.3 Kg (0.7 lb)
Standard and Regulations	Safety	TUV / UL 60950-1 EN 60950-1 CE
	EMC	FCC Part 15 (Emission)
	RoHS	Compatible

Version Compatibility and Interoperability

The OPS-AC is fully compatible to the IDU that is used with the BreezeACCESS VL, BreezeNET B and DS11 (Rev 4.0 and above).

The OPS-AC is compatible to the BreezeMAX product line and can replace the BreezeMAX CPE-IDU-DATA with one limitation that the Wireless Link LED functionality of the BreezeMAX IDU is not supported in the OPS-AC (in fact the Wireless Link LED is not active). This should not interfere with the proper operation of the OPS-AC with the BreezeMAX CPE-ODU.

Documentation

OPS-AC is shipped with a short installation guide inside the package.

When lightning protection is an issue, please refer also to the Lightning Protection document, available in the Alvarion web site.

Known Limitations

None.

How to order

New Part Number	Description
858553	OPS-AC