

OPS-HD-AC Release Note



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Introduction

The OPS-HD-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.

The OPS-HD-AC is designed to endure harsh outdoor environment with full temperature and humidity protection.

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 OPS-HD-AC can be installed on a wall or pole. It is shipped with a mounting kit that enables it to be installed on a wall or a pole of 2 – 2.5” in diameter.

If the OPS-HD-AC needs to be installed on a wider pole then another mounting kit, which fits for poles of up to 6” in diameter, can be ordered separately (please refer to the price list).

The OPS-HD-DC is shipped with a connector that should be used in the preparation of the power cable for the unit. Please refer to the User manual for instructions on how to prepare the power cable.

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

OPS-HD-AC Specification		
Electrical	Input voltage	100 – 240 VAC
	Input Frequency	50 – 60 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	100% Relative Humidity, Condensing
Mechanical	Dimensions	20.3 x 36.7 x 11.5 cm / 8 x 14.5 x 4.5 in (excluding mounting plate)
	Weight	(4.4 kg) 9.7 lb
Standard and Regulations	Safety	TUV / UL 60950-1, EN 60950-1, CE
	EMC	FCC Part 15 (Emission)

Version Compatibility and Interoperability

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

Nevertheless, the OPS-HD-AC will not have the LED indications that are available in the regular IDU (Power, Ethernet and Wireless), instead it will have one Power led that can be seen under the service box in the RJ-45 connector that is marked: 'Radio-1'

Also the reset button that is available on the regular IDU is not available in the OPS-HD-AC and the reset can be performed using the management application.

Documentation

OPS-HD-AC is shipped with a CD that includes the installation Manual in it.

Known Limitations

None.

How to order

New Part Number	Description
858555	OPS-HD-AC <i>(Includes a mounting Kit for installations on a wall or on a pole that is up to 2" in diameter)</i>
858562	OPS-HD 6" Mounting Kit <i>(Order it only for installations on poles that are thicker than 2.5")</i>