

zinwave 5000

Primary Hub

About

The **Primary Hub** provides the connection to wireless operator(s) or public safety source(s), converts RF signals to optical, and connects via fiber to either Secondary Hubs or Remotes. The Primary Hub also provides Web GUI for DAS configuration and GUI/SNMP for status monitoring. Alarming is provided via relays.

The Primary Hub features a unique internal matrix that provides flexibility for routing supported wireless services within a system deployment. This allows specific operators or frequencies to be routed to the entire system or to designated parts of the system, depending on requirements.

A Zinwave 5000 system can range from a single Primary Hub and Remote (1-1 configuration) to multiple layers consisting of a Primary Hub, eight connected Secondary Hubs, and 64 Remotes (a 1-8-64 configuration). The Primary Hub is modular and supports up to four Service Modules and up to eight Optical Modules or Transport Modules.



Detailed Specifications

Unit Specifications

| | |
|---------------------------------------|--|
| SKU | 305-0001 [†] |
| SYSTEM BANDWIDTH | 150 MHz TO 2.7 GHz |
| GAIN CONTROL STEP RESOLUTION | 1 dB |
| DIMENSIONS W / D / H (mm) | 17.5" (444) x 17.1" (430) x 5.2" (132) (3RU) |
| WEIGHT | 33.3 LBS (15.10 Kg) UNPACKED, NOT FULLY POPULATED |
| ELECTRICAL MAX LOADING | AC: 110/230 V, 50/60 HZ /80 W (MAX), 0.7A, 274 BTU/HR |
| OPERATING TEMP AMBIENT NON-CONDENSING | -5 TO +45 C (23 TO 113 °F) |
| CONNECTIONS | ETHERNET (10/100 BASE-T), 2 ALARM RELAY (DB-9F), 2 USB |

System Connections

| | |
|---------------------------------------|------------------------------|
| PRIMARY HUB WITH SERVICE MODULES | SC/APC OPTICAL CONNECTIONS |
| PRIMARY HUB WITH OPTICAL MODULES | SC/APC OPTICAL CONNECTIONS |
| PRIMARY HUB WITH TRANSPORT MODULES | SC/APC OPTICAL CONNECTIONS |
| HUB INTERCONNECT PRIMARY TO SECONDARY | SC/APC OPTICAL CONNECTIONS |
| ALARMING | EXTERNALLY VIA DB9 CONNECTOR |

Approvals & Listings

| | |
|--------------|--|
| EUROPE | CE MARKED FOR RADIO EQUIPMENT DIRECTIVE 2014/53/ EU AND ROHS DIRECTIVES 2011/65/EC |
| USA FCC | FCC CERTIFIED |
| CANADA | INDUSTRY CANADA CERTIFIED |
| SAFETY | IEC 60950-1; EN 60950-1; UL60950-1, UL LISTED-E486578 |
| LASER SAFETY | IEC 60825-1:2007 |



Package Dimensions

23" L x 11" H x 24" W | 33 LBS

MASTER CARTON: None



* **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Support



2 YEAR WARRANTY FROM PURCHASE

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UPC

ZINWAVE 5000 PRIMARY HUB
305-0001

