

Distribution Box AW3



Overview

ABSEN AW3.9 USER MANUAL Pdf Download Explanation and classification of the distribution box used in the LED display system. Details on how LED AltoPlex D621.

Key Takeaways

The AW3 distribution box refers to either a wireless distribution node in the Altowav AW3 series or a power distribution box in the Absen AW series, depending on the application. Altowav AW3 Wireless Distribution Box

The Altowav AW3-D423-3C-W is a 60GHz outdoor wireless distribution node or client unit designed for high-speed point-to-multipoint (PtMP) networks. It features IP67-rated weatherproofing, AES 128 encryption, and supports data rates up to 2Gbps. This unit is suitable for outdoor deployments and can serve as either a distribution or client node, providing flexibility in network design. It is part of the AltoPlex D423 series and is designed for robust, carrier-grade wireless connectivity. The AW3-D621 model is another member of the AW3 series, offering a 128-element beamforming antenna, 2x RF, and a 3.8Gbps aggregate throughput. It supports PtMP configurations and includes features such as GPS synchronization, Wi-Fi management, and built-in wall/pole mounting. This model is compact, resilient, and suitable for high-capacity wireless WAN or LAN deployments.

Absen AW Series Power Distribution Box



In the context of power distribution, the Absen AW series includes distribution boxes classified by power capacity (15KW to 180KW) and control mode (intelligent or ordinary). These boxes are used in indoor and outdoor applications for LED panels, digital signage, and street furniture. They include components such as power boxes, HUB & receiving cards, air switches, arresters, timers, and thermal relays. The selection of the distribution box depends on the main cable size and the total power requirement of the installation .

Key Specifications for Absen AW Distribution Boxes

- Power capacities: 15KW, 30KW, 60KW, 90KW, 120KW, 150KW, 180KW
- Control modes: Intelligent or ordinary
- Application: Indoor/outdoor LED panels, digital signage, light poles
- Cable selection: Varies with power rating, e.g., 44+12.5 mm² for 15KW, up to 495+150 mm² for 180KW

Summary

The term AW3 distribution box can refer to either a wireless networking device (Altowav AW3 series) or a power distribution unit (Absen AW series). For networking, it provides high-speed, weatherproof wireless connectivity for PtMP systems. For power applications, it manages electrical distribution for LED panels and other installations, with options for intelligent control and varying power capacities. The choice depends on whether the user is seeking a networking solution or a power distribution solution.

Article Content

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AltoPlex D621 60GHz Outdoor Wireless Network Distribution Unit The D621 is a 60GHz radio with integrated 128-element

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Wheel-Rail Force Analysis under Rail Transit Loading Conditions

Rail Transit Vehicle Weight Quantification AW0 and AW3 weights were calculated for rail transit vehicles operating within the United

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ITEM #: 26900226 Altowav AW3-D621-C-W AltoPlex D621 3.8Gbps High-Capacity Client AltoPlex D621 60GHz Outdoor Wireless

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The power distribution box can be mounted onto the 19" profiles exactly where the customer desires. Benefit: This box allows the

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Wireless WAN and LAN Point to Multipoint Systems, AltoPlex D621 ...

AltoPlex D621 Distribution or Client Radio, 2x RF, 90 deg. scan, 3.8Gbps aggregate, 1x RJ45 2.5GbE, GPS, Wi-Fi for management,

What is an Electrical Distribution Box? A

Discover everything you need to know about electrical distribution box! Learn about types,

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