



Introduction

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Overview of the Access Point

The Cisco Catalyst IW9165E Rugged Access Point and Wireless Client (hereafter referred to as *IW9165E*) is designed to add ultrareliable wireless connectivity to moving vehicles and machines. The IW9165E can operate as [Cisco Ultra-Reliable Wireless Backhaul \(Cisco URWB\)](#) starting from Cisco Unified Industrial Wireless Software Release 17.12.1, which delivers high availability, low latency, and zero packet loss with seamless handoffs.

Starting from Cisco Unified Industrial Wireless Software Release 17.13.1, the IW9165E can also operate as a Wi-Fi client in Workgroup Bridge (WGB) mode, which allows it to connect to a Cisco access point infrastructure, and Universal WGB (uWGB) mode, which allows it to connect to a third-party access point infrastructure. Both of these modes help bridge the wired clients that are behind the WGB to the access point on the infrastructure side.

This document covers configuration of WGB and uWGB mode specific to the IW9165E access points.

Related Documentation

To view all support information for the Cisco Catalyst IW9165 Rugged Series, see <https://www.cisco.com/content/en/us/support/wireless/catalyst-iw9165-rugged-series/series.html>.

In addition to the documentation available on the support page, you will need to refer to the following guides:

- For information about IW9165E hardware, see [Cisco Catalyst IW9165E Rugged Access Point and Wireless Client Hardware Installation Guide](#).
- A full listing of the AP's features and specifications is provided in [Cisco Catalyst IW9165 Series Data Sheet](#).
- For information about Cisco URWB mode configuration, see the relevant documents at: <https://www.cisco.com/content/en/us/support/wireless/catalyst-iw9165-rugged-series/series.html>.

