

# Cisco Catalyst IW9167E Heavy Duty Access Point



## Benefits

- Connect, automate, and operate anywhere with reliable wireless connectivity for mission-critical and time-sensitive applications.
- Enjoy unprecedented flexibility with a state-of-the-art platform that can provide access to Wi-Fi enabled devices and support wireless backhaul simultaneously.
- Multiradio, 4x4, and four spatial streams for higher capacity, as well as advanced capabilities such as GNSS, multiprotocol IoT radio, and scanning radio.
- Bring reliable wireless connectivity anywhere with heavy-duty design IP67 rated, hardened to withstand shock, vibration, and extreme temperatures, certified for rail, designed for mining.
- Peace of mind with built-in security you can trust from Cisco with trustworthy technology.

## Get reliable wireless connectivity for any application, anywhere

As you automate your processes and operations to increase safety and productivity, you also need to improve your situational awareness to control your systems. Moving assets involved in mission-critical applications, such as Autonomous Guided Vehicles (AGVs), Autonomous Mobile Robots (AMRs), and teleremote operations, require reliable wireless connectivity. Sometimes you need to extend your network where running fiber isn't feasible or is too costly.



Figure 1. Cisco Catalyst IW9167E Heavy Duty Access Point

The Cisco Catalyst IW9167E Heavy Duty Access Point introduces Cisco Ultra-Reliable Wireless Backhaul (URWB) technology to enable mission-critical applications requiring greater reliability than Wi-Fi alone can provide.

- Use **Wi-Fi 6/6E<sup>1</sup>** to connect your Wi-Fi enabled endpoints leveraging higher density, higher throughput, more channels, power efficiency, and improved security than previous Wi-Fi versions.
- Use **URWB** to connect your most demanding applications with wireless backhaul, delivering high speeds, ultra-reliability, low latency, zero loss, and seamless handoffs.

URWB delivers ultra-low latency and ultra-reliability over distance, in a variety of topologies: point to point, point to multipoint, mesh or mobility architectures. It can be used as a wireless backhaul where wired connectivity is unavailable or prohibitively expensive to deploy and maintain, or when your assets are on the move and require ultra-reliable wireless connectivity to the network infrastructure.

URWB can be easily enabled in the field, making it easy to support both access and wireless backhaul use cases at the same time from a single access point. This eliminates the need for duplicating infrastructure, optimizing your investment To learn more about URWB, please read the [Cisco Ultra-Reliable Wireless Backhaul Solution Overview](#).

<sup>1</sup> Wi-Fi 6E availability based on local regulations

## Extend reliable wireless connectivity to more places and applications

Successful operations digitization requires reliable, uninterrupted wireless connectivity wherever you need it, that your team can deploy today with the resources you have. The Catalyst IW9167E enables you to:

- Use wireless backhaul to extend your network wirelessly and reliably wherever you need it without the costs of running fiber.
- Connect your moving assets reliably with ultra-low latency and seamless handoffs with URWB or Workgroup Bridge (WGB).
- Extend Wi-Fi access wherever in outdoor or industrial locations.

**With the Catalyst IW9167E you can connect the assets and applications you need matter how challenging the environment or how tough your applications' requirements are**



### For more information

Get peace of mind by connecting your assets wirelessly and reliably wherever you need them.

#### Learn more

- [Cisco.com/go/iw9167](https://Cisco.com/go/iw9167)
- [Cisco.com/go/iw](https://Cisco.com/go/iw)