

AirgainConnect® Ethernet Switch

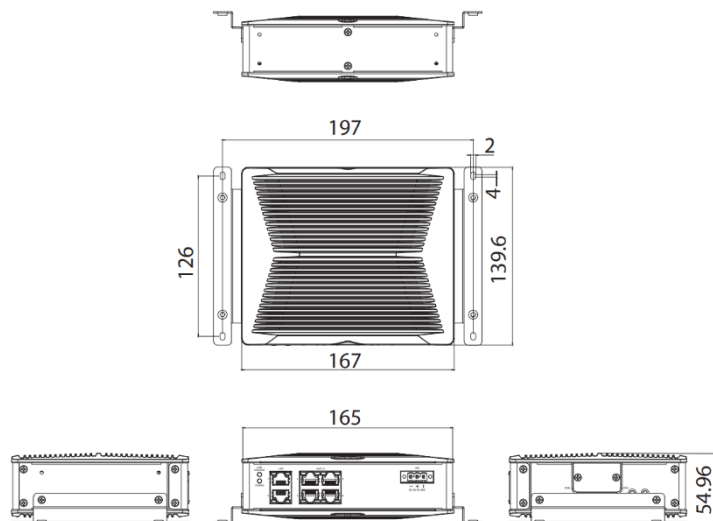
Reliable Ethernet Connectivity for In-Vehicle Networking



PURPOSE-BUILT FOR FLEET DEPLOYMENTS

The AirgainConnect® Ethernet Switch is an unmanaged 4+2 Gigabit PoE+ switch built for vehicle installations. It is the ideal accessory for AC-Fleet deployments requiring expanded Ethernet connectivity for in-vehicle IP cameras, MDTs (Laptops), digital evidence recorders, sensors, and other network devices.

With its automotive-grade power design, support for PoE+ standards, and rugged enclosure, the AirgainConnect Ethernet Switch ensures reliable, high-speed LAN connectivity in even the harshest fleet environments.



KEY FEATURES

- **4 PoE+ Ports:** Power and connect up to 4 devices via IEEE 802.3af/at compliant PoE+ (up to 120W total power)
- **Built for Vehicles:** Designed for rugged automotive environments with ignition sense, low-voltage protection, and wide 9–36VDC input
- **Compact & Fanless:** Small form factor with passive cooling for quiet, durable operation
- **Smart Power Management:** Supports ignition-controlled on/off with delay timer and battery protection DIP settings
- **Rugged Performance:** Operates in extreme temperatures (-40°C to 70°C) with FCC, CE, and IC/ISED certifications
- **Plug-and-Play Simplicity:** Unmanaged, auto-negotiating switch with store-and-forward architecture
- **Optimized for AC-Fleet™:** Ideal for expanding Ethernet connectivity in public safety, utility, and field service vehicle fleets

KEY APPLICATIONS

- **Public Safety Vehicles** — Connect cameras, ALPRs, and laptops in police, fire, and EMS units
- **Utility & Field Service** — Enable rugged laptops, diagnostic tools, and sensors in service vehicles
- **Transit & Logistics** — Support driver safety systems, fare terminals, and passenger Wi-Fi



For more information:

www.airgain.com sales@airgain.com + 1-855-AIRGAIN

Preliminary product information. Specifications are subject to change without notice.
Copyright © 2025 All Rights Reserved. Registered Trademarks TM Airgain, Inc. Airgain, AirgainConnect, NimbeLink, and their associated logos are trademarks or registered trademarks of Airgain, Inc.
Revised 05/30/25



AirgainConnect® Ethernet Switch

Reliable Ethernet Connectivity for In-Vehicle Networking

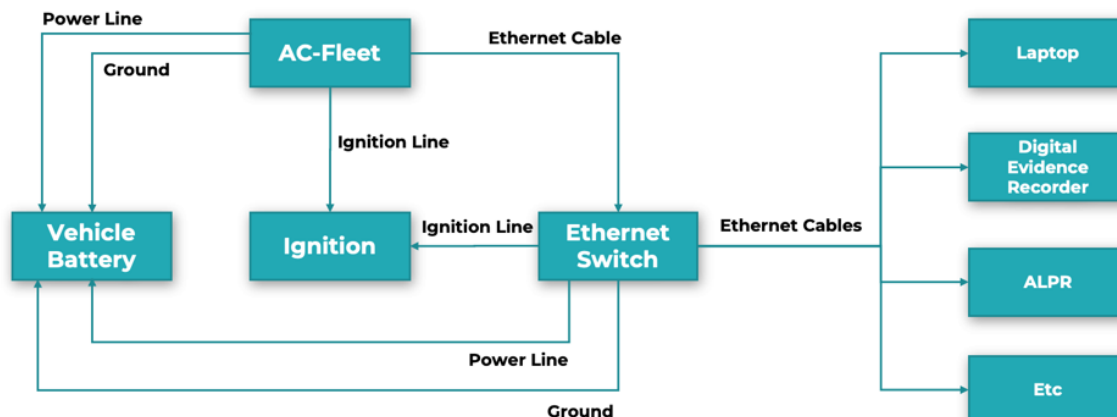
PART NUMBERS

Model	Description
CY-AFES-E6P4	4-Port PoE+ Gigabit Switch + 2 LAN Ports, 9–36VDC, Ignition + Delay Timer

TECHNICAL SPECIFICATIONS

Category	Specification
Switch Type	Unmanaged, store-and-forward, auto-negotiation
Ports	4 x 10/100/1000 Mbps RJ45 PoE+ + 2 x 10/100/1000 Mbps RJ45 LAN
PoE Standard	IEEE 802.3af/at (PoE+, end-span)
PoE Power Budget	Up to 120W total, max 30W per port
MAC Address Table	2K entries
Frame Support	Jumbo frames up to 9216 bytes
Power Input	9–36VDC with ignition sense and low-voltage protection
Power Management	DIP-switch for power off delay and voltage threshold
Operating Temperature	-40°C to 70°C
Storage Temperature	-40°C to 85°C
Humidity	10% to 90% RH (non-condensing)
Vibration Resistance	MIL-STD-810H, 2g random vibration
Shock Resistance	MIL-STD-810H, up to 75g
Certifications	CE, FCC Class A, IC/ISED (Canada)
Dimensions	211 x 55 x 140 mm (8.3" x 2.2" x 5.5")
Mounting Options	Mounting brackets included
Weight	1kg (approximately 2.2 lbs)
LED Indicators	Power, Link, Activity, PoE status, Low-voltage warning

ETHERNET SWITCH CONNECTION WITH AC-FLEET



For more Information:

www.airgain.com sales@airgain.com + 1-855-AIRGAIN

Preliminary product information. Specifications are subject to change without notice.
Copyright © 2025 All Rights Reserved. Registered Trademarks TM Airgain, Inc. Airgain, AirgainConnect, NimbeLink, and their associated logos are trademarks or registered trademarks of Airgain, Inc.
Revised 05/30/25