

# MK6C EVK

## Cohda Wireless C-V2X EVK in RSU enclosure

Cohda's cellular V2X Evaluation Kit (EVK), is a preview of what is to come with the full MK6 On-Board Unit (OBU) and Road-Side Unit (RSU). This MK6C EVK in an RSU enclosure provides a cost effective way to deploy a connected network in external environments to rapidly develop & test your V2X applications and use-cases.

The MK6C is housed in a IP67 enclosure with a robust M12 POE 802.3at capable Ethernet port and a convenient LED power indicator. It comes packaged with the necessary V2X and GNSS antennas as well as a pole mounting kit ready to go.

Based on the MDM 9150 chipset developed by Qualcomm, it offers a robust and secure foundation for developing towards the intelligent transport systems of the future.

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### **MK6C EVK in RSU enclosure specifications**

#### Standards

IEEE 1609 - 2016 ETSI TS 103 613 3GPP R14 SAE J3161 GB/T 31024

C-V2X Bandwidth 10 MHz

**Connectivity** C-V2X PC5 (Qualcomm 9150) Ethernet

**Operating System** Linux 4.9.88

Application Processor i.MX 8QXP

Security SXF1800 FIPS 140-2 level 3 compliant

C-V2X Receiver Sensitivity -93.4 dBm

**Environmental Operating Ranges** -40°C to +65°C

C-V2X Maximum Transmit Power Class 3 with 21.5dBm

GNSS GPS/GLONASS/Galileo/Beidou **Dimensions** W 260 x L 260 x 65 mm

**Power Supply** POE 802.3at w/ LED indication

Accessories Pole mounting kit 2 C-V2X antennas 1 GNSS antenna

Part Number CWP-CV2XK-MK6C-WW00301



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