



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.

MK6C EVK in RSU enclosure specifications

Standards

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

C-V2X Bandwidth

20 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



The MK6C is an EVK and no regional regulatory compliance (FCC, CE, etc.) is available.