



## 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.

### Cohda Wireless 蜂窝V2X评估版在路侧单元机箱中

Cohda 的蜂窝 V2X 评估版（EVK）是对完整的 MK6 车载单元（OBU）和路侧单元（RSU）的预览。路侧单元（RSU）机箱中的此MK6C 评估版（EVK）提供了一种经济高效的方法，可在外部环境中部署连接的网络，以快速方法来开发您的 V2X 应用程序和用例。

MK6C装在IP67机箱中，该机箱具有功能强大的M12 POE 802.3at功能的以太网端口和方便的LED电源指示灯。它随附必要的V2X和全球导航卫星系统（GNSS）天线以及准备就绪的立杆安装套件。

# Cohda Wireless 蜂窝V2X评估版在路侧单元机箱中

## Standards 标准

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

## C-V2X Bandwidth 宽带

20 MHz

## Connectivity 连通性

C-V2X PC5 (Qualcomm 9150)  
 Ethernet 以太网

## Operating System 操作系统

Linux 4.9.88

## Application Processor 应用处理机

i.MX 8QXP

## Security 安全

SXF1800 FIPS 140-2 level 3 compliant

## C-V2X Receiver Sensitivity 接收机灵敏度

-93.4 dBm

## Environmental Operating Ranges 环境运行范围

-40°C to +65°C

## C-V2X Maximum Transmit Power 最大发射功率

Class 3 with 21.5dBm

## GNSS 全球导航卫星系统

GPS/GLONASS/Galileo/Beidou

## Dimensions 尺寸

W 260 x L 260 x 65 mm

## Power Supply 电源供应

POE 802.3at w/ LED indication

## Accessories 附件

Pole mounting kit 立杆安装套件

2 C-V2X antennas 2条 C-V2X 天线

1 GNSS antenna 1条全球导航卫星系统天线

## Part Number 零件号

CWP-CV2XK-MK6C-WW00302



**Cohda Wireless Pty Ltd**  
 27 Greenhill Road  
 Wayville SA 5034  
 Australia  
 P +61 8 7099 5500  
 inquiry@cohdawireless.com

**Cohda Wireless Europe GmbH**  
 Kronstädter Str. 4  
 81677 Munich  
 Germany  
 P +49 89 208026548  
 inquiry.eu@cohdawireless.com

**Cohda Wireless America LLC**  
 39475 13 Mile Road, Suite 107  
 Novi MI 48377  
 USA  
 P +1 248-513-2105  
 inquiry.na@cohdawireless.com

**Cohda Wireless China**  
 Building B, 567 Langao Road,  
 Putuo Area, Shanghai  
 People's Republic of China  
 P +86 21 2221 8265  
 inquiry.ch@cohdawireless.com

**Hancom MDS Inc.**  
 3FL Hancom Tower, 49  
 Daewangpangyo-ro 644  
 Beon-gil  
 Bundang-gu  
 Seongnam-si, Gyeonggi-do  
 463-400 Republic of Korea  
 P +82 31-627-3000  
 inquiry.kr@cohdawireless.com