

► nVision4 – 5G+V2X Vehicle-Road Collaboration Solution

The world-leading 5G+V2X mass production project based on 3GPP R16 standard. Product variants include traditional antenna separate type, shark-fin type smart antenna and flat box type smart antenna

► Technical Details

- Main chip: Qualcomm SA522M, 10~20k DMIPS high computing power, no extra AP needed
- Product typ: shark-fin type smart antenna, flat box type smart antenna & traditional Tbox
- Size (shark-fin type smart antenna): 260*160*14.5 mm, with 65mm height of shark-fin
- Size (traditional Tbox): 200*85*25 mm
- Weight: shark-fin type smart antenna 700g, flat box type smart antenna 560g, traditional Tbox 470g
- Interface: ETH (2.5Gb), CAN
- Support 'Container' & 'Hypervisor' isolation solution
- Support global market V2X standard (CN/ EU/ NA)
- Support customized V2X scenarios

► Features

- 3GPP R16 5G communication
- Support 5G communication
- Support C-V2X communication
- Support customized connectivity services: remote vehicle control, remote monitoring, emergency assistance, and roadside assistance (e-Call, b-Call)
- Support dual-band GNSS high-precision positioning
- Digital key: BLE/ NFC/ UWB solution
- Tuner: AM/ FM/ DAB/ Sirius XM
- Update: OTA

► Applications

- The product has been adopted in the mass production project of a well-know global OEM. Estimated near 10 millions of vehicles
- Fulfill the requirements of 5G+V2X communication for the next generation with high reliability and low latency
- Supports multiple standard tuner functions, fulfill the needs of global market