

RSU
(Road Side Unit)

CPU

NXP i.MX8 – 4 Cortex A35 + Cortex M4

RAM

2 GB

STORAGE

16 GB + µSD card

OPERATING SYSTEM

Linux Debian 11

CONNECTIVITY

Ethernet PoE 100Mbps full duplex
ITS G5 and C-V2X PC5 (simultaneous use)
GPS/EGNOS/GALILEO/GLONASS
Optional cellular modem (2G/3G/4G/5G)
Wifi, Bluetooth 5.0 (optionnal external antenna)



INTEGRATED SOFTWARE

ITS stack supporting
- ETSI Geonet
- CAM, DENM, SPAT, MAP, IVI, SREM, SSEM, CPM and POI standards
- TS 103-097 security standard assisted by integrated
hardware security module.
- ETSI uppertester
Internal LDM with easy to use json API
On demand software including MQTT and AMQP connectivity

REMOTE ACCESS

SSH v2 (root password provided)
Specific API, JSON for the LDM
SNMP
OpenVPN, L2TP, PPTP
SMS API

POWER

48v PoE
Consumption < 30w
Integrated backup battery

ENVIRONMENT

Wind resistance 200km/h
IP67, IK10
Temperature -40 to +70°C

WEIGHT AND SIZE

< 2.5kg
Length : 31cm
Width : 21cm
Height : 7.5cm
+ Antenna : 21.5cm

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