169.95 EUR
incl. 19% VAT, plus shipping

- GPS/QZSS, GLONASS, etc !
- UART / CAN-BUS / USB !
- Operating Temp (°C): -40 ~ 85 !

Support: Specifications

LOCOSYS M.2-35AD is a L1+L5 high-performance dual-band GNSS RTK module based on the very small industry standard M.2 Type B form factor. Using the USB bus, provides global positioning information, while taking up little space and power within a system. Supporting for Windows and Linux, the M.2-35R can easily integrate into any existing system, as well as easily implemented into new systems.

LOCOSYS M.2-35AD builds in LOCOSYS High Precision MC-1612AD-DR module which is using an Airoha AG3335AD chip, dual-frequency multi-constellation solution GNSS with sensor fusion dead reckoning module. It not only supports GPS, GLONASS, GALILEO, BEIDOU and QZSS, but also has inertial sensors (3-axis accelerometers and 3-axis gyros) to provide untethered dead reckoning function.

In addition to DR, an inertial sensor can detect the vehicular dynamics when it is attached firmly on the vehicle. Consequently, abnormal driving behaviors and the vehicle status can be detected and the alarm status will be enabled to remind the users. No requirement of installation orientation and automatic calibration function make it easy to use.

- Satellite System: Support GPS, GLONASS, GALILEO, BEIDOU and QZSS
- Interface: UART / CAN BUS / USB
- Input Voltage: 3.0V - 3.6V
- Power (mA): 56
- VB (uA): 64

- Operating Temp (°C): -40 ~ 85

- Automotive navigation
- LBS (location Base Service)
- Vehicle Remote Monitoring
- ITS (Intelligent Traffic System)