

Specification TK-1722 GPS Receiver Module:

| PHYSICAL CONSTRUCTION : | | PERFORMANCE : | |
|-----------------------------------|------------------------------------|-----------------------|--|
| Dimension | L 22.4 mm W 17.0 mm H 2.9 mm | Sensitivity | -159dbm |
| Weight | 3 gram | Receiver architecture | 20 parallel channels |
| Receiving frequency | 1575.42MHZ; C/A code | Start-up time | Hot start <5 sec |
| Mounting | SMT type | | Warm start 45 sec |
| Construction | Full EMI shielding | | Cold start 45 sec |
| ENVIRONMENTAL CONDITIONS : | | Position accuracy | Autonomus Position Error 1.5 m CEP |
| Temperature | Operating: -30° ~ + 85° | Velocity | 100 m /s (maximum) |
| | Storage: -40° ~ + 85° | Altitude | 50 km (maximum) |
| COMMUNICATION : | | Update Rate | 1 Hz |
| Protocol | NMEA 0183 V3.00, RTCM | Power Supply | 3,3V +- 5% |
| Signal level | UART @ 3.3V | Current Consumption | Acquisition: 53mA |
| INTERFACE CAPABILITY : | | | Tracking 43mA |
| Output Sentences | Standard | Baud Rate | 9600 bps (default) & 4800/9600/38400/57600/115200 bps are adjustable |
| | Option | | |

This specification is subject to change without prior notice..