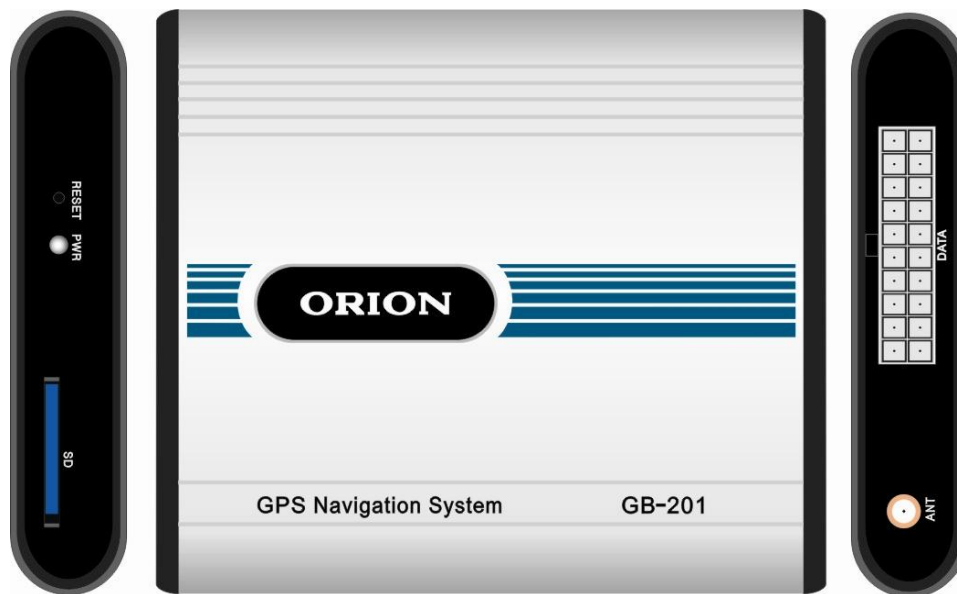


CAR GPS Receiver

ORION®

GB-201

Navigation device (without SD card). Car GPS receiver, compatible with licensed software. Designed to work with AV Multi-Media Centers ORION AVM-56201TN, AVM-56202TN.



- Navigation device
- Built-in high sensitivity SiRF-STAR III GPS receiving modules, can posit effectively
- With external active antenna
- Power light activity
- Touch panel operate

Package contents:

- Main Unit
- GPS Antenna
- Interface cable (i.e. AV Connecting cable)
- Power Cable = interface cable
- Russian User Manual
- Warranty card with LOSC

System Parameters	
Frequency	400 MHZ
CPU	SAMSUNG S3C2440A-40
SDRAM	64 MB
ROM	64 MB
SD-card	1 GB (optional)
Operating system	WINCE 4.2 NET
Software edit type	ARMV4
Basic Parameters	
Video output type	Composite /Analog RGB
Voltage for video output	1,0 Vpp /75 Om
Resolution	Composite type is - 320*240; Analog RGB type is adjustable below 640*400
Voice output	Double track stereo CD tone
Voice power	Double track 0,25 W/CHANNEL, or single track 1 W
Weight	About 250 g.
Size	120 mm(length)*107 mm (width)*26 mm (height)
Working temperature	-10C - +60C
Storage temperature	-20C - +70C
Working humidity	45% - 80%
Storage humidity	30% - 90%
Operating voltage	DC 12V
Average power consumption	3 W
Standby power consumption	180 mW
ACC ineffective power consumption	< 12 mW

GPS Parameters	
Chipset	SIRF Star III
Frequency	1,575 GHZ
C/A Code	1,023 MHZ chip rate
Channel	20 channels
Antenna type	External active antenna
Tracking sensitivity	-159 dBm
Positioning accuracy	10 m, 2D RMS 5 m, 2D RMS, WAAS enable
Rate of speed	0,1 m/s
Date update rate	1HZ
Re-acquisition time	Average 0,1 s
Hot start time	Average 1 s
Warm start time	Average 38 s
Cold start time	Average 42 s
Biggest positioning height	18 000 m
Biggest rate of speed	515 m/s
Acceleration	<4g
GPS antenna type	External active ceramic antenna
Antenna gain	27 dB
Antenna voltage	5 B ± 5 %
Antenna current	15 mA
Antenna interface type	90 degree bend SMA plug