

Transworld™

No Boundaries

No Limitations

No Conventions

..JUST INVENTION

GM102 HAND HELD GPS



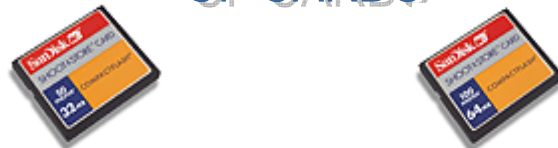
FEATURES:

- ➔ Route Tracking
- ➔ Interface: USB, computer interface cable. Windows based self to edit waypoints, routes and track logs.
- ➔ Quick object search
- ➔ 4 gray level display
- ➔ 12 satellite channels, quick time to first fix (TTFF)
- ➔ Waterproof - Accompanies you on the water, in the mountain or on the roads
- ➔ CF Card for detailed Map (Optional)

APPLICATIONS:

- ➔ Automotive Navigation
- ➔ Personal Navigation/PDA
- ➔ Mountaineering, Camping
- ➔ Investigation and Military
- ➔ Police Force

CF CARDS



EASY TO USE
READILY AVAILABLE
CONVENIENT

- ◆ **Simple Interface** - Help you locate your position and navigate your way to your desired destination.
- ◆ **Automatic Routing Feature** - Create a route to your destination and calculates the distance automatically.
- ◆ **Arrow Guide** - Help you to navigate on the road easily while driving a car or hiking on motor-cycle.
- ◆ **Search by city** - Useful search feature to locate the nearest landmark or to find location.

Transworld™

TECHNICAL SPECIFICATIONS: DYNAMICS

- ➔ Map: Built-in Optional Compact Flash Card socket (type II) to support world-wide map.
Screen-width scale: 400m to 1160 Kms.
- ➔ Operating Altitude: -1,000 to +18,000 meters.
- ➔ Navigation:
 - 500 waypoints with name, symbol, coordinate and remarks.
 - 20 reversible and editable routes with up to 30 waypoints each.
 - 6 tracking logs, 2,500 points each.
- ➔ Altitude: 1,000m to +18,000m.
 - Velocity: 515 m/sec
 - Acceleration: $\pm 4G$
- ➔ Update Rate: 1 second continuously.
- ➔ Interface: USB
 - Computer interface cable.
 - Windows based software to edit waypoints, routes and track logs.
- ➔ Antenna: Built-in patch antenna with standard MCX connector optional for external antenna.
- ➔ Alarm (option): Built-in buzzer for warning message.



PERFORMANCE:

- ➔ Acquisition Time:
 - Cold start: < 300 seconds.
 - Warm start: < 40 seconds.
 - Hot Start: < 15 seconds.
- ➔ Update Rate: 1 second continuously.
- ➔ Accuracy:
 - Position: 5-25m CEP.
 - Velocity: 0.1 m/sec.
 - Time: ± 1 us.

PHYSICAL:

- ➔ Size: 128 x 62 x 27 mm.
- ➔ Weight: ~200g with 2 AA batteries and CF card.
- ➔ Display:
 - High contrast electro luminescent back light display.
 - 4 level gray scale LCD.
 - Size: 60 x 38 mm.
 - Resolution: 100 x 160 Pixels.
- ➔ Power:
 - 2 AA batteries, 0.06~0.5 watts.

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