

PRECISION GPS+

# MILLIMETER GPS

A new dimension of precision and productivity





ISO 9001:2000 FM 68448

### Imagine entering a zone where your GPS system is instantly 300% more accurate...

Now stop imagining because it's here. Practical, affordable MILLIMETER GPS<sup>™</sup> featuring Topcon's Lazer Zone<sup>™</sup> technology. It's here, and it's Only from Topcon!

### The Lazer Zone<sup>™</sup> system is comprised of three components:

# PZL-1

Positioning Zone Laser transmitter





You get instant millimeter accurate elevations

HiPer+ Wireless GPS+

anywhere in the Lazer Zone.

FC-100 Windows CE® Field Controlle



high-precision control.

### PZS-1



### PZS-MC

vour machine mounted

transmitters can be linked, providing continuous, high-speed,



GB-1000 Modular GPS+ Receiver

## Specifications

### **PZL-I TRANSMITTER:**

Zone Width	±10° (
Zone Radius	300 m
Lazer Zone Accuracy	Vertica
RTK GPS+ Accuracy	Horizo
Self-Leveling Range	±5°
Rotation Speed	600 rp
Laser Class	Class
Channels	4
Plumb Beam	YES
Bluetooth	YES
I/O port	RS-23
Power Supply	Recha 4 D-Ce
Operating Time	about

±10° (0-30m), ±5m (30-300m) 300 meters (985 feet) Vertical: 1 arc second resolution Horizontal: 10mm + 1ppm ±5° 600 rpm Class 1 4 YES YES RS-232C Rechargeable Ni-MH (w/runcharge) 4 D-Cell Alkaline about 20 hours (Alk), 15 hours Ni-MH IPX6 -20° to +50° C

### **PZS-I ROVER SENSOR:**

Waterproof

**Operating Temp** 

FZJ-I KUVEK JENJUK.	
Beam Detection	$\pm 10^{\circ}$ by $\pm 10^{\circ}$ window
Channels	4
I/O port	RS-232C
Mounting	5/8x11 Thread
Waterproof	IPX6
Operating Temp	-20° to +50° C
Power Supply	BT-59Q Camcorder battery
Operating Time	about 8 hours
Weight	about 1kg

### **PZS-MC MACHINE CONTROL SENSOR:**

Beam Detection	±10° by 360°
Channels	4
Waterproof	IPX6
Operating Temp	-20° to +50° C
Power Supply	DC8V~DC32V
Weight	Less than 3kg

Specifications as of 3/10/2004 and are subject to change without notice



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