




Provided by Xpert Survey Equipment
 Click [Leica GS09](#) for Product Info and Updated Pricing

Leica GS09 GNSS Datasheet



	GS09
<p style="text-align: center;">RTK - RTK</p> <p style="text-align: center;">- - -</p> <p style="text-align: center;">- GS09 TPS</p>	
	CS09
<p>Leica CS09 - QWERTY</p> <p style="text-align: center;">- -</p> <p style="text-align: center;">- 1GB CF</p>	
	SmartWorx
<p>SmartWorx Leica System1200 - -</p> <p style="text-align: center;">- - PC</p> <p style="text-align: center;">& -</p>	

- when it has to be **right**



Leica GS09



GNSS



SmartTrack+	<ul style="list-style-type: none"> • • • • <0.5 mm • 	GNSS
	120	
	1	

GNSS		
	GPS: L1 L2 L2C C/A P C Code	
	GLONASS: L1 L2 C/A P narrow Code	



	1	
DGPS/RTCM	25 cm	rms
RTK	: 5 mm + 0.5 ppm	rms
	: 10 mm + 0.5 ppm	rms
RTK	: 10 mm + 1 ppm	rms
	: 20 mm + 1 ppm	rms
	: 3 mm + 0.5 ppm	rms
	: 6 mm + 0.5 ppm	rms
	: 5 mm + 0.5 ppm	rms
	: 10 mm + 0.5 ppm	rms
	Leica SmartCheck+	99.99%
	8 sec ²	
RTK	50 km	



	/	
LED	Bluetooth®	
	• USB	8 Lemo
	• Bluetooth®	5
	1.05 kg	
x	186 mm x 89 mm	
	-40 C to +65 C ³	
	-40 C to +80 C ³	
	100% ⁴	
	IP67:	1m
	ISO9022-36-08	
	1m	
	2m	
	150mm	
	12 V DC	10.5 – 28 V DC
	: 1.8 W	150 mA
	Li-ion	
	GEB211 2.2 Ah / 7.4 V or GEB212 2.6 Ah / 7.4 V	
	GEB212	7 ⁵



RTK	GS09
RTK	Leica Lite
TPS	
	Leica TPS1200+ TS30 TM30

Leica CS09



Microsoft Windows CE 5.0

Leica SmartWorx

Leica GX1200

¼ VGA

QWERTY+ 62



218 mm x 123 mm x 47 mm

CS09 740 g

3.47 kg

2.85 kgBluetooth[®]

CF 256 MB 1 GB

• USB 8 Lemo

• 2 x Bluetooth[®] 2

• 7- GHT56

-30 C to +65 C³

-40 C to +80 C³

100%⁴

IP67: 1m

1.5m

ISO9022-36-08

12 V DC 10.5 – 28 V DC

: 1.4 W 120 mA

Li-ion

GEB211 2.2 Ah / 7.4 V

GEB212 2.6 Ah / 7.4 V

GEB212 13⁵



RTK

RTK Leica Leica Leica Lite Leica 4G
CMR CMR+ RTCM 2.1 RTCM 2.3 RTCM 3.0 RTCM 3.1

RTK 5km

1Hz 5Hz 0.2

VRS FKP iMAX MAX

GFU

GHT56

• GFU CDMA

GHT56

• Bluetooth[®]

GS09

• Bluetooth[®]

• USB

PC Microsoft Windows

• USB

• CF

FTP

1

30%

GPS GLONASS

GPS

2

3 ISO9022-10-08 ISO9022-11-special MIL-STD-810F Method 502.4-II MIL-STD-810F Method 501.4-II

4 ISO9022-13-06 ISO9022-12-04 MIL-STD-810F Method 507.4-I

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