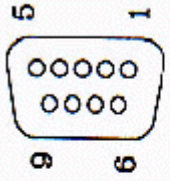
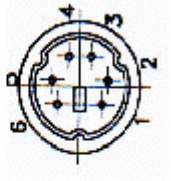






Mini GPS Locator

Model: TK-158

<p>DB09 Female</p>  <p>DIN-6PIN</p>  <p>pin1 = n/c pin2 = TXA pin3 = RXA pin4 = n/c pin5 = GND pin6 = n/c pin7 = n/c pin8 = n/c pin9 = n/c</p> <p>pin1 = n/c pin2 = GND pin3 = n/c pin4 = n/c pin5 = +5VDC pin6 = n/c</p> <p>DB-9 Pin assignment</p>		<p>DB-9 interface with RS-232 protocol</p>
		<p>USB interface</p>

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Specifications

PHYSICAL CONSTRUCTION	
Dimension	L46.2mm*W38mm*H16.1mm
Weight	175 gram(with cable) for TK-158-USB (USB Interface) 214 gram(with cable) for TK-158-232 (DB9 Interface)
Receiving frequency	1575.42MHZ; C/A code
Enclosure	Highly impact; corrosion-proof
Mounting	Magnetic mount
Construction	Ultrasonic welded, fully waterproof
ENVIRONMENTAL CONDITIONS	
Temperature	Operating: -0 ~ +70 °C Storage: -20 ~ +85 °C
COMMUNICATION	
Protocol	NMEA V3.00

Signal level	EIA/TIA-232 or USB 1.1	
INTERFACE CAPABILITY		
Standard Output Sentences	GGA, RMC, GSV*5,VTG, GSA*5	
PERFORMANCE		
Built-in Antenna	Highly-reliable ceramic patch	
Sensitivity	-159dbm	
Receiver architecture	20 parallel channels	
Start-up time	<5 sec. typical (hot start) 45 sec. typical (warm start) 45sec. typical (cold start)	
Position accuracy (CEP 50)	Autonomous Position Error	1.5 m
Velocity	100m/s (Maximum)	
Altitude	50 km (Maximum)	
Update Rate	1 Hz	
Power Supply	RS-232 @ 3~5V	
	USB @ 5V	
Current Consumption	Acquisition: 60mA	
	Tracking: 60mA	
Baud Rate	9600 bps (default) (option:4800/19200/38400/57600/115200)	
POWER CABLE		
Length	5m	

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