

## Model: effiTRAQ EZ1 (SKYLINEV4)

### Technical Specifications

Item	Specification
Micro Processor	Arm 9, 32bits, 1Mbits Flash
Power Supply	+9V - +35V / 0.1A average, Reverse voltage protection, over voltage protection
Backup Battery	850mAh Li-Ion Battery (Up to 3hrs on GPRS linking status)
Dimension	75mm x 58mm x 25mm, aluminium alloy
Weight	150g
Operating temperature	-20° to 70° C
Humidity	5% to 95% Non-condensing
GSM Chipset	NXP 5100
Frequency	GSM 900/1800Mhz or GSM 850/1900Mhz (optional)
GPS Chipset	JRC chipset
GPS Sensitivity(tracking)	-163Db
GPS Frequency	L1, 1575.42 MHz
C/A Code	1.023 MHz chip rate
Channels	22 channel tracking channels, 66 searching channels
Position Accuracy	3 meters, 2D RMS
Velocity Accuracy	0.1 m/s
Time Accuracy	1 us synchronized to GPS time
Default datum	WGS-84
Reacquisition	1 sec., average
Hot start	1.5 sec., average
Warm start	34 sec., average
Cold start	35 sec., average
Altitude Limit	18,000 meters (60,000 feet) max.
Velocity Limit	515 meters/second (1000 knots) max.
LED	2 LED light to show working status.
Button	One SOS button
Interface	1 input, 1 negative output, 1 RS232 (serial port)