DX-3 PERSOANL TRACKING SYSTEM

Features

- Supports Contact ID (CID) protocol
- Distinguishing rubber panic button, track button, talk button
- Man down alert
- Lanyard loop for activating panic alert
- User friendly iconic LED indication
- Vibration/audio as hearing/sight aid
- Hands-free speaker & microphone
- Protection against dust and water splash
- Stackable charging pods
- Standby time up to 72+ hours

Specifications

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS	
Physical Characteristics	
Dimension (L x W x H)	114.5 x 66.5 x 13.7 mm (±1mm)
Weight	140 g (±5g)
Material	Plastic with display
Color Option	White
Waterproof Casing	IP-54 Waterproof Standard (protection from dust and splash water)
Environmental Characteristics	
Operating Temperature	0℃ ~ +40℃ (board temperature)
Storage Temperature	-20℃ ~ +60℃
NOTE: Battery has individual operational and storage temperature limitations!	
Electrical Characteristics	
Power Input	+5 Volt $_{DC}$ regulated via charger port
Power Consumption	GSM standby up to 3 days
Battery Characteristics	
Battery Capacity	1100 mAh (approximately 72+ hours standby time)

Battery Temp. Limitation	Operation Temp.	-20℃ ~ +60℃
	Storage Temp.	-20℃ ~ +35℃

Additional Characteristics	
Battery Charger	AC from +100V ~ +240V

Additional Features	
Buttons	Panic Button
	Alert Button
	Talk / Power ON Button
LED Display	PANIC Status
	Talk / ALERT Status
	Man Down / PARK Status
	Battery Status
	GPS Status
	GSM Status
Additional Indicator	Ringtone
	Vibration
Optional Accessories	Lanyard hanger
	Charging pod

GPS/GSM SPECIFICATION – TELIT DUAL GPS/GSM INTEGRATION MODULE		
GSM		
Air Interface	Tri-Band UMTS / HSDPS 7.2	2100/1900/850
	Quad-Band GSM	850/900/1800/1900
	Standalone GPS	
Data Service	HSDPA UL 384kbps, DL 7.2Mbps	
	WCDMA UL/DL 384kbps	
	EDGE UL/DL 236.8Kbps	
	GPRS UL/DL 85.6Kbps, CSD 9.6Kbps	
Antenna	Internal antenna	
Voice	Vocoder	
	GSM (FR/EFR/ARM) and UMTS (Static / Dynamic AMR)	
	Supplementary service	
Message	SMS (MO/MT)	
SIM Card	Support 1.8V and 3V UICC	
GPS		
Antenna	Internal antenna	
Time to First Fix	Hot Start	Autonomous < 1s
	Warm Start	Autonomous < 32s
	Cold Start	Autonomous < 40s
Sensitivity (with active antenna)	Tracking	Up to -157 dBm
NOTE: Performance will vary depending on environment antenna type, signal conditions, satellite geometry, and handset implementation.		