

# W-N70ST ShadoWatch

## product specifications

Main Chip	SL8521E(1.3GHZ) Dual-core ARM Cortex A53 processor
Frequency Band(A)	LTE Band 2: 1850MHz ~ 1910 MHz LTE Band 4: 1710MHz ~ 1755 MHz LTE Band 5: 824MHz ~ 849 MHz LTE Band 7: 2500MHz ~ 2570MHz LTE Band 12: 699MHz ~716MHz LTE Band 17: 704MHz ~716MHz Antenna Type: Internal Antenna Antenna Gain: (MAX) LTE Band 2: 0dBi LTE Band 4: 0dBi LTE Band 5: 0dBii LTE Band 7: 0dBii LTE Band 12: 0dBi LTE Band 17: 0dBi  GSM 850:824.20MHz ~848.80MHz GSM 1900:1850.20MHz ~1909.80MHz Antenna Type: Internal Antenna Antenna Gain: (MAX) GSM 850:0dBi GSM 1900:0dBi
Bluetooth	Version 4.2 2402MHz ~2480MHz Antenna Type: Internal Antenna Antenna Gain: (MAX)0.46dBi  EDR 1M PHY
GPS Chip	SL8521E(1.3GHZ)
BDS/GPS Signal	1561.098MHz/L1, 1575.42MHz C/A code
GPS channel	56

Cold start	45seconds
Cool start	6 seconds
GPS Antenna	High sensitive ceramics active antenna
GPS chip receive sensitivity	Tracking sensitivity:-165dBm Capture sensitivity:-147dBm
Vibration motor	Yes
Camera	200W pixels
Speaker+ Mic	Yes
Waterproof	IP68 with 3 m and 30 mins
Working Time	About 35 hours with 3 mins GPS interval. About 90 hours with 10 mins GPS interval.
Screen	1.3 inch TFT
Healthy Detection	Heart Rate and Temperature optional GH3018+GXTS02S sensor
Memory	512M+4GB
Average working current	<=45mA
Average standby current	<=3mA
Watch Battery	1700 mAh (3.8V)
Power bank Battery	2500 mAh (3.8V)
Working temperature	-10~55°C
Working humidity	5% to 95% non-congealable
Weight	102 g
Size	53*25*21mm
Strap	Replaceable,switch from watch to ankle tracker

Shadowtrack Technologies, Inc.  
5100 Village Walk, Suite 100, Covington LA 70433  
robert@shadowtrack.com  
+86 985-867-3771; 120