



Product Data Sheet

ActiveTrack

The Offender Smart Watch

ActiveTrack is Upstream's offender Smart Watch, a new generation of electronic bracelet for community sanctions.

Less stigmatizing

More compact and more natural to wear than an ankle bracelet, ActiveTrack goes unnoticed and is thus much less stigmatizing for the offenders than traditional solutions.

A digital assistant to rehabilitation

Thanks to its advanced communication and offender management features, ActiveTrack is much more than only a surveillance system : it is a true digital assistant to rehabilitation helping offenders to be successful in their sentences.

Related products

ActiveTrack is part of the Active Tool Suite, which also consists of the home unit (beacon) called ActiveHome and the monitoring platform called ActiveMonitor.

Main features

- Alarm and information screen
- Integrated multi-operator SIM card
- Location tracking
- LBS tracking
- Integrated calendar
- Automated responses to violations
- Custom text messages on ActiveTrack
- Positive reinforcement schemes
- Connection with home unit
- Various tampering detections
- Accelerometer and gyro Vibrator
- Tri-color LED
- Very long battery autonomy
- Mobile charging
- IP68

Location tracking		Electrical	
Location Technology	A-GPS, GLONASS, BeiDou, Galileo, QZSS, triangulation based on operator base stations (LBS)	Power rating	In : 110V-230V, 50-60Hz Out : 5V DC
Assisted GPS	Supported	Battery autonomy	RF mode (no GPS) : 75h RF+GPS mode : 55h GPS only mode : 48h
Cellular		Mobile charging	Yes
Supported protocols	2G LTE-M (CatM1)	Charging time	1 hour for 80% battery capacity 2 hours for 100% battery capacity
SIM card	Embedded Sim model 2FF	Physical	
Backup cellular technology	National roaming on local operators	Dimensions	62 x 45 x 13 mm
Home unit range		Weight	80g
Outdoor	150m	Marking	Engraved, with unique QR code
Indoor	>200 m with multiple ActiveHome, depending on building	Material type – core	Medical grade hypo allergenic plastic texture : vdi9
Strap		Material type – display cover	PMMA antireflection acrylic - Flexural rupture strength : 800kg/cm2
Anti-tampering technology	Optical fibre	Material type – strap	Medical grade hypo allergenic material texture : vdi21
Size	Unique strap size, to be cut at the right length during installation	Screens / buttons	
Anti-tampering technologies		Number of buttons	2
Strap cut detection	Yes	Screen active area	26,09 mm x 26,09 mm
Case open detection	Yes	Screen resolution	128 x 128
Strap pull detection	Yes	Environmental	
Encryption	AES Communications between ActiveTrack and ActiveHome, and Communications between ActiveTrack and ActiveMonitor	Operating Temperature	-20°C - +60°C
Replay mechanism protection	Yes	Water ingress	IP68 – 3m
Jamming detection	Yes	Certifications	CE, FCC
Accessories			
Strap	Disposable, only one use		
Strap fixing parts	2 x 2 parts with each strap		
Charging cradle	USB-compatible		
USB cable	1 m long		