

### OVERVIEW

The Smartlock Access Management Solution controls access to critical equipment housed in the access nodes of network infrastructure. The GSM Smartkey is one of the main building blocks of this Solution. It obtains and stores access rights to operate any of Smartlock's mechatronic locks and seals. The GSM Smartkey energises the locks with its rechargeable battery.

The GSM Smartkey manages all communication with the locks to authenticate the user and operate the system. Data communication to the software is provided by its internal GSM module. Access requests are pre-authorised and downloaded to the internal memory of the GSM Smartkey, which has been uniquely assigned to a specific user.

The Smartkey captures all events in a log file and updates the management software of all activity and statuses via its internal GSM module.

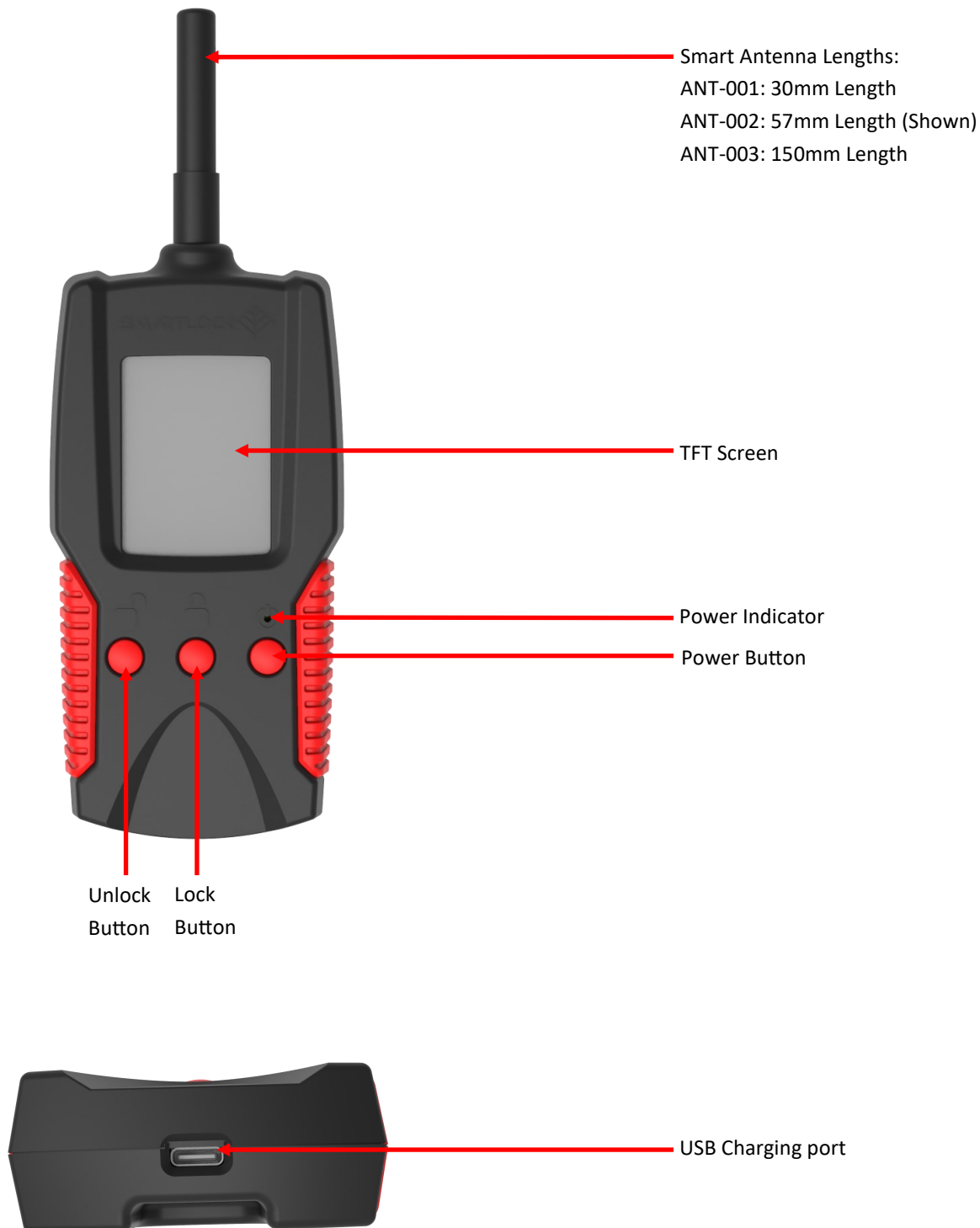
As a network protection feature, the Smartkey can be disabled from the central platform in real time, should the need arise. In addition, users can be GPS located by the Solution. The Smartkey is programmable from a centralised, remotely located control room, to actuate specific mechatronic locks, in a specified time-frame. The mechatronic locks are energised by the Smartkey, by means of induction.



### TECHNICAL INFORMATION

MATERIALS	
Body	ABS plastic
ENVIRONMENTAL	
Operating Temperature	-10° C to 70° C, according to IEC 60068-2
Water Ingress Protection	Splash proof
POWER SOURCE	
	2Ah lithium ion battery
COMMUNICATION	
Upstream (to software)	Standard encrypted mobile network comms
Downstream (to lock)	Proprietary comms via probe antenna
MASS	
	125g
EXTERNAL DIMENSIONS	
	60mm x 26mm x 113mm (various antenna lengths available)
WARRANTY	
	24 months manufacturer's warranty
SOFTWARE	
	Smartlock Access Management System as a Service (SaaS)
INTERNAL MEMORY	
	Storage of 100x access rights
COMPATIBLE SYSTEMS	
	Monitoring of internal environment of access nodes (via IoT)
OPTIONS AND ACCESSORIES	
	<ul style="list-style-type: none"> <li>Various antenna lengths (30mm, 57mm, 150mm)</li> <li>Carry case kit, including charger</li> </ul>

## Components



## Technical

