





LiveHeats device buying guide for Surf Life Saving carnivals

Below provides a shopping list for getting a technology kit for a Surf Life Saving carnival. You should purchase enough smartphones based on how many active marshaling and recording areas will be using LiveHeats, for example, if you have 4 water areas and 2 beach areas, you'd purchase $6 \times 2 = 12$ smartphones. Central marshaling will reduce the number of devices you require.

Be sure to review the smartphone set up guide section in the bottom section of this document.

Device	Used for	Carnival requirements	Minimum technical requirements	Examples
<i>Must have devices</i>				
Smartphone	Scanning of athlete wearables for marshaling and recording	<ul style="list-style-type: none"> • 1 x per LiveHeats marshal • 1 x per LiveHeats recorder 	<ul style="list-style-type: none"> • Larger screen size makes it better for officials • 4G or 5G sim card slot • Android operating system • NFC enabled • Latest version of Chrome browser • Waterproof or resistance a plus 	Range of options pending your budget: <ul style="list-style-type: none"> • Samsung A32 • Google Pixel • Full list here
4G or 5G sim card	To plug into the smartphones	<ul style="list-style-type: none"> • 1 x per smartphone 	<ul style="list-style-type: none"> • Minimal data is used by LiveHeats - roughly 200mb per device per day 	<ul style="list-style-type: none"> • Premium: Telstra or Optus prepaid • Budget: Boost or amaysim
Mobile power bank 	To provide backup power to the smartphones throughout the day	<ul style="list-style-type: none"> • 1 x per smartphone 	<ul style="list-style-type: none"> • 5000 or 10000mAh capacity • Ensure the outlet matches the charging cable of the smartphone (e.g. USB or USB-C) 	<ul style="list-style-type: none"> • Many options at Officeworks

Nice to have devices				
Device kit carry case 	To safely store the devices between carnivals	1 x per carnival technology kit	Room for: <ul style="list-style-type: none"> 8-12 x smartphones & chargers, cables, and lanyards 8-12 x power banks 	Pelican case
Smartphone case and screen protector	To keep the devices safe	1 x per smartphone	NA	Depends on device
Smartphone lanyard 	For the official to wear around their neck and easy access	1 x per smartphone	We recommend purchasing a larger case that fits both the smartphone, powerbank, and cable. Otherwise you could get a case + Lanyard and have the official put the powerbank in their pocket.	We used a pencil case and lanyard from Officeworks which worked great
Charging station 	To charge the devices & power banks after the carnival	1-2 x per tech kit	<ul style="list-style-type: none"> USB or USB-C outlets, based on what the cables with your phones use Get enough outlets for all your smartphones and power banks 	

Smartphone set up tips

Once you've purchased the devices, activated the sim cards, it takes some time to set them up. Here's our tips:

- Create a generic Gmail or Google account for your state or branch that you can use to login to the Android app store. Store the credentials somewhere safe. You can use this on all devices.
- Head to the Android store and update the version of Chrome app which is required for NFC
- Head to the Settings and disable auto sleep & disable password so the official doesn't get locked out
- Customize the home screen so only Chrome appears, hide all other apps (optional)
- Recommend testing the NFC scanning before your first carnival
- Make sure you have data on the devices