

Approved smartphone list

Epi-Care[®] mobile



INTRODUCTION

This list provides an overview of smartphone models Danish Care Technology ApS have approved for use with the Epi-Care Mobile application.

The list contains phones that have been tested to work with the alarm, and phones that have failed a set of tests devised by Danish Care Technology.

The main objective of this set of tests is to determine whether the phone is able to maintain a stable Bluetooth connection, is able to perform the necessary call functions and that it does not feature crippling defects.

WHY SMARTPHONES ARE APPROVED

When the smartphone manufacturers implement Android, they pick device specific components and tweak Android with special themes and functionality. The combinations implemented by the manufacturers often lead to errors that can or has to be accepted by the end-users, examples of such errors include poor reception, poor Bluetooth functionality and software lockups.

The performed tests do not guarantee against errors, but they prevent end-users from receiving a smartphone model that has been proven to contain errors that are potentially harmful when an alarm occurs.

EXPANDING THE LIST

More models can and will be added to the list, as Danish Care Technology ApS tests different models as needed over time.

If you would like to have a specific model added to the list contact Danish Care Technology at the email shown in the footer.

A NOTE ON THE PROGRESS OF THE ANDROID OS

Danish Care Technology cannot guarantee functionality on future releases of Android, and the list therefore refers specifically to tests of phones with a specified Android version. Phones on the approved list, but with a different Android version, cannot be guaranteed to be fully operational with Epi-Care® mobile.

Danish Care Technology aims to develop and maintain the Epi-Care® mobile application on future Android versions, but we are not in control of the changes in Android. Therefore we cannot guarantee backward compatibility, and new Android versions may require a fresh install of the Epi-Care® mobile.

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APPROVED MODELS

TABLE OF APPROVED SMARTPHONES

Tested	Brand	Model	Model Code	Android	Epi-Care Mobile
20-09-2012	Motorola	Defy Mini	XT320	2.3.6	1.21
21-01-2013	Sony	Xperia Tipo	ST21i	4.0.4	1.21
21-08-2013	LG	Optimus L5	E610	4.0	1.21
20-09-2013	Samsung	Galaxy Trend		4.0	1.21
06-02-2014	Samsung	Galaxy Trend Lite	S7390	4.1	1.21
06-02-2014	Samsung	Galaxy Trend Plus		4.1	1.21
09-02-2015	LG	F70	D315	4.4.2	1.21
24-02-2015	LG	L70	D320	4.4.2	1.21
21-09-2015	Samsung	Xcover II	S7710	4.1.2	1.21
28-01-2016	Samsung	S5 Neo	G903F	5.1.1	1.31
24-02-2016	LG	Leon 4G LTE	H340n	5.0.1	1.31
30-08-2016	LG	Leon 4G LTE	H340n	5.0.1 -6.0.1	2.0.16
30-08-2016	Samsung	Galaxy S7	G930F	6.0.1	2.0.16
30-08-2016	Samsung	Galaxy J5	J510FN	6.0.1	2.0.16
30-08-2016	OnePlus	One	A00001	6.0.1	2.0.16
30-08-2016	Google/LG	Nexus 5X	Bullhead	6.0.1	2.0.16
30-08-2016	Samsung	Galaxy A3	A300F	5.0.2	2.0.16
30-08-2016	Samsung	Galaxy S5 Neo	G903F	5.1.1	2.0.16
04-10-2016	Lenovo	B	A2016a40	6.0	2.0.16
04-05-2017	Lenovo	A+	A1010a20	5.1	2.0.17
29-06-2018	Motorola	Moto C Plus	XT1723	7.0	2.1.0

SAMSUNG GALAXY TREND



Android 4.0

Budget phone from Samsung, the phone features an ok screen resolution and Android 4.0.

SAMSUNG GALAXY TREND LITE (S7390)



Android 4.1.2

This is a successor to the Galaxy Trend with almost identical specifications and the phone uses micro-SIM.

SAMSUNG GALAXY TREND PLUS



Android 4.2.2

Dual core version of the Galaxy Trend.

SAMSUNG GALAXY XCOVER II (S7710)



Android 4.1.2

Rugged and water resistant 1GHz dual-core Samsung smartphone.

LG F70 (D315)



Android 4.4.2

Compatible only with sensors with software version 16 or higher. Sensor software versions below will drain their fast with these phones. (Sensor software version can be determined by pairing a sensor with the phone and checking the about window in the Epi-Care mobile app.)

LG L70 (D320)



Android 4.4.2

Compatible only with sensors with software version 16 or higher. Sensor software versions below will drain their fast with these phones. (Sensor software version can be determined by pairing a sensor with the phone and checking the about window in the Epi-Care mobile app.)

SAMSUNG S5 NEO (G903F)



Android 5.1.1.

Medium to high-end water resistant variant of Samsung's flagship S5. Released August 2015.

Will only function properly with Epi-Care Mobile 1.30 and Epi-Care Mobile 2.0.x.

LG LEON 4G LTE (H340N)



Android 5.0.1

Released April 2015. Low cost phone with Quad-Core processor and 8MP camera.

MODELS TESTED AS BEING OK BY END USERS

These models have not been through any tests at Danish Care, but one or more users have purchased it and reported it works fine.

These models are not officially endorsed by Danish Care Technology.

SAMSUNG GALAXY S5

PENDING PHONE MODELS

These models are available at Danish Care Technology, but have not yet been approved for various reasons.

FAILED AND NON-APPROVED MODELS

ALL IPHONES

Apple does not give their application developers the amount of freedom we need, and they never will.

ALL WINDOWS PHONES

Microsoft does not give their application developers the amount of freedom we need, and they never will.

ALL SONY XPERIA MODELS THAT HAVE NOT BEEN EXPLICITLY APPROVED

Sony has shown itself as a very poor manufacturer of smartphones, and there have been problems with several Xperia models, these problems have ranged from broken GPS to various strange Bluetooth problems.

Additionally Sony is heavy on advertising their STAMINA mode, which blocks the execution of the Epi-Care mobile app, leaving the end user without any protection from the app.

SAMSUNG GALAXY FAME S6810

The phone has proven to feature poor Bluetooth performance, drops Bluetooth connection at random and reboots after too many Bluetooth connects.

These are known Android 2.3 problems, yet Samsung claims it is a 4.1 phone.

SAMSUNG GALAXY POCKET AND POCKET 2

The phone has a too low screen resolution and a buggy Bluetooth implementation on the older model.

SAMSUNG GALAXY YOUNG AND YOUNG 2

The phone has a too low screen resolution and a buggy Bluetooth implementation on the older model.

SAMSUNG GALAXY Y S5360

Latest tested version: Android 2.3.6, S5360xxkk5.

The phone has proven to feature poor Bluetooth performance and has a tendency to lock up Bluetooth requiring a restart of the Bluetooth functionality.

SAMSUNG GALAXY ACE S5830

Latest tested version: Android 2.3.6.

Lacks Bluetooth SPP profile necessary to communicate with the sensor making it impossible to pair the phone with the sensor.

SAMSUNG GALAXY GIO S5660

Latest tested version: Android 2.3.6.

Lacks Bluetooth SPP profile necessary to communicate with the sensor making it impossible to pair the phone with the sensor.

ALL HTC MODELS WITH ANDROID 2.3

The HTC sense UI interferes with some of the functions used by the Epi-Care app.

HTC models with Android 4.0 and up have not been tested.

LG OPTIMUS 2X

Various problems have been found with this phone, depending on the Android version, as the phone is available with Android versions ranging from 2.2 to 4.0.

LG L5 II E460

Was unable to connect properly with sensor. Did not get proper data from Bluetooth stream.

HUAWEI Y3

Android 4.4.2. Triggered “battery saver” alert after approximately 24 hours of running Epi-Care Mobile application. Meaning that the background service was disabled longer than our requirements.

SAMSUNG GALAXY J1 (J100H)

Android 4.4.4. Tried with both Epi-Care Mobile 1.21 and 1.30. Lost GSM signal several times over a couple of hours, with the longest period being 45 minutes without GSM.

APPROVED MODELS THAT SHOULD BE RETIRED FROM RETAIL SOURCES

These models are included in the list, as they have passed the tests necessary at Danish Care Technology, but retail supplier have stopped having them in stock.

End users may still have these phones available at home or at select retail stores that carry older smartphone models at a discount.

MOTOROLA DEFY MINI XT320

SONY XPERIA TIPO ST21I

LG OPTIMUS L5 E610