



LandPhone

Fixed satellite phone



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➔ LandPhone is Inmarsat's new fixed satellite phone service. It is a low-cost, easy to use fixed telephony solution for use in remote locations where local networks are unreliable or non-existent.

The LandPhone service is accessed by connecting a standard telephone to a fixed satellite terminal. With a compact and robust design, it can be easily transported to remote locations for set up indoors or in outdoor spaces.

It is ideal for use in a number of situations:

- ➔ Remote office phone – on plantations, construction and mining sites
- ➔ Village phone – for resident calling, meeting Universal Service Obligations where alternative technologies are not economically viable
- ➔ Temporary fixed phone – social and welfare calling for displaced communities or aid and government workers in disaster situations, emergency relief and war zones
- ➔ Payphone – for migrant workers seeking low rates to call home





Current service coverage
 I-4 satellite F1

The map depicts Inmarsat's expectations of coverage, but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions.

Coverage

LandPhone can be used within Asia, Africa and the Middle East using Inmarsat's latest-generation I-4 satellite over the Indian Ocean Region.

Leading provider

Inmarsat is the world's leading provider of global mobile satellite communications. We deliver mobile voice and data services to almost anywhere on the planet through the most versatile and reliable satellite network in the world.



Terminal specification

Main unit

General

Dimensions	50 x 150 x 210mm approx.
Weight	400 grams approx.

Power source

Operating voltage	10.5 – 24 Volts DC
Operating current	<1000mA (typical)

Line interface

Voice	2-wire
Connector	RJ-11
Dialing	DTMF

Data interface

Connector	DB9 female
Interface	RS-232 serial
Speed	2400bps transparent mode

Environment

Operating temp	0°C to + 50°C
Humidity	5% to 95% non-condensing
Storage temp	-20°C to +75°C

AC/DC adapter

AC power supply	100-235 Volts AC, 50/60 Hz
Power adapter output	12V, 1.4A (typical)

Antenna

General

Type	Outdoor
Impedance	50 ohm
Gain	9dBi
Beam width	70°C

Mechanical

Dimensions	170 x 170 x 100mm
Connector	N-type female
Weight	400 grams

Mounting

Elevation adjustment	15° to 90°
Pole size	3/4 to 1 1/4 inch (to be provided by the user)

Cable

Type	RG-58 coaxial or equivalent with cable cable loss less than 0.7dB/m
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Impedance	50 ohm
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Length	10.5m
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Mounting	Elevation adjustment: 15° to 90°
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Connector to antenna	N-type male
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Connector to main unit	SMA male
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Total cable loss	Within 5dB to 7dB
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- Competitively priced
- Easy to transport, set-up and use
- Robust solution for outdoors
- Ideal for multi-user communities
- For use in Asia, Africa and the Middle East

How to buy LandPhone

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