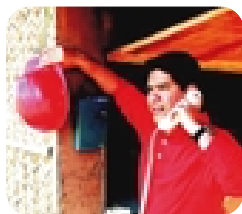


ACeS System Benefits

The ACeS System gives you the quickest, flexible, simple and instant communication solution – even in the areas where providing “regular” telecommunications infrastructure is impossible!



- Secure communication using GSM encryption techniques
- One number, one bill for ACeS and GSM subscribers
- SIM card solution for Pre-paid and Post-paid service
- “Scratch and Call” voucher for Pre-paid card
- Roaming with GSM networks and vice versa
- Full regional coverage in ASIA
- Reaches all, mountain, ocean, forest, rural area or even in the city
- Competitive call charges
- Supplementary Services*:
 - Call Waiting
 - Call Holding
 - Call Forwarding
 - Call Transfer
 - Call Barring
 - Conference Call

* Network dependent features

Accessories

SOLAR PANEL



No hassle to power your ACeS Terminal!
The ASP-400 Solar Panel gives you freedom of communication and maintenance free of power source.

Package:

- Solar panel 100 Wp
- Battery back-up 12V with 100 Ah
- Controller
- Installation guide

PHONE METERING SYSTEM



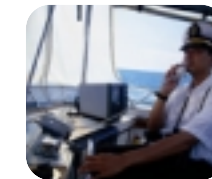
- Self metering for one line system.
- Automatic start
- Block certain number
- FIFO data
- Easy programming

ACeS Service Provider:

www.acesinternational.com

It's About Mobility And Connectivity

Many people in Asia live in unnecessary isolation. Treacherous mountain, unforgiving swamps and marshes, and extremely dense vegetation prevents common means of terrestrial communication. The ACeS System provides a simple, quick and affordable do-it-yourself solution.



The ASIA Cellular Satellite (ACeS) is a satellite telecommunications infrastructure provider which offers fully digital voice, data, fax services to and from handheld, mobile and fixed terminals throughout Asia. ACeS subscribers can communicate with anyone, worldwide from anywhere in the Asia region.

Covers Most of Asia

The Garuda 1 footprint extends from Guam and Papua New Guinea in the east, to Afghanistan in the west, and from Japan in the north to Indonesia in the south.



enhancing mobility & providing connectivity



ACeS FR-190 Satellite User Terminal

Your communication solution

The FR-190 has been designed specifically for the ACeS satellite system, the footprint of which covers most of Asia. Its sleek design with wall mount capability, combined with simple installation makes it an ideal communication solution. Whether its in the mountains, forest, deserts, village or the cities.

Easy Installation

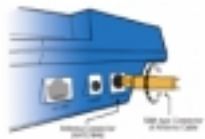
ACeS Coverage Map



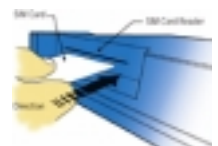
1 Determine your location



2 Install the antenna that point to satellite



3 Connect all cables (power, antenna and phone)



4 Insert SIM, power ON and you just Connected to the World

go places with ACeS

The Buyer

- Individual or home users
- Corporate:
 - Field Offices
 - Branch Offices
- Entrepreneurs e.g. PCO operators
- Vertical Markets:
 - Oil and Gas Industry
 - Forestry
 - Mining
 - Emergency relief
 - Government
 - Military
 - Expedition
 - Hotel and resorts

Buying signals

- Locations with no telecommunication infrastructure
- Area that economically not worth to build any terrestrial communication
- Users/operators who looks for cost effective call rate
- GSM operators who needs instant regional coverage



Advantages

- Instant communication and connectivity
- Fast & easy installation
- Affordable
- Transferrable and moveable
- Control is in your hand
- Convenient
- Creating business opportunity

Technical Data

Features

- Sleek design
- LCD displayed:
 - Signal strength,
 - Satellite indication,
 - Call duration
 - Supplementary service (Network dependent features)
- Wall mounted base
- GSM encryption techniques for secure voice communication

Specification

Network:

ACeS

Main Unit Dimension:

60X150X210 mm

Weight:

400 gram approx.

Operations

Frequency : L-Band

Voltage : 10.5 – 24 VDC

Current : 1A (max.)

Temp : 0° C/+50° C

Humidity : 5% – 95%
non condensing

SIM Card Size

ISO/credit card size

Phone Interface

2 wire/RJ-11

Dialing: DTMF

Antenna

Beam-width: 70°

Note

The package may change and vary, depend on Network Service Providers.