



## G-Wave

### Unique applications. Real advantages.

*Extensions of corporate  
networks (LAN to WAN)*

*Remote internet connections*

*Video conferencing*

*Satellite News Gathering*

*E-mail access*

*Remote data access*

*Remote web browsing*

## ACeS The communications specialist.

ACeS is a satellite based communications system providing fully digital voice and optional data services to and from handheld, mobile and fixed terminals throughout Asia. With a wide spectrum of customers from large multi-national corporate houses to individuals in rural areas, ACeS subscribers can communicate with anyone, worldwide from anywhere in Asia. With a well-deserved reputation as one of the most powerful satellites in the world, the ACeS' Garuda I Satellite has an impressively flexible capability that can extend coverage all over Asia. As Mr. Adi R. Adiwoso, CEO of ACeS International Limited, stated, "Communication needs should be provided equally for anyone, anywhere at anytime".



## Keep the connection. Anywhere.

The new G-Wave satellite modem from ACeS.



## G-Wave The latest in mobile connectivity from ACeS.

Imagine being in the middle of nowhere. Miles from the closest civilization. And what you find yourself missing the most is not your favourite cup of latte...but the vital data needed to meet the deadline. Fortunately, with G-Wave, the new satellite modem from ACeS, you can now stay connected with the office. No matter where you are throughout Asia, G-Wave helps you communicate, obtain data or send out information easily.

A high-speed, small and portable data terminal, G-Wave is perfectly designed for live broadcast or satellite news. Whether you find yourself in the mountains, rural areas, open waters or the city, you can rely on G-Wave to connect you under the extensive ACeS coverage.



An impressive display of technology at its finest, G-Wave is surprisingly simple to use. Free of complicated installations or usage, G-Wave offers you the freedom to be able to set up and transmit within minutes. All you need to do is to connect the cables, point towards the open sky and switch it on. Its simple IP-based technology allows you to transmit and receive data, files, pictures, voice or even video data, ranging from 64kbps up to 256 kbps.



## G-Wave

### Innovative technology. Simple solutions.

#### Portable

Weighing only about 6 kgs, G-Wave is both lightweight and small in size. Who says you can't travel light!

#### Affordable

With a performance and technology beyond compare, you'll find G-Wave's terminal and airtime prices truly competitive.

#### Simple

Designed for simplicity and ease of usage, G-Wave does not require a complicated process to install, use or dismantle. All you need to do is simply connect the cables and switch it on.

#### High Speed Links

IP-based, G-Wave offers transmission speeds of up to 256 kbps for all high-speed data access, whether it is voice, data or live videos.

#### Customized Casings

Built to your desired specifications, G-Wave even allows you to choose the type and colour of the casing.

## G-Wave

### Customised to suit your individual needs.

G-Wave provides you with more than just mobile connectivity. It offers you a unique form of customization, designed to satisfy your particular needs. Just as no two customers are alike, so do the requirements of each customer differ from the other. Which is why, G-Wave helps you customize its services to meet your particular requirements. Depending on your needs, you can now choose how you want the data stream delivered to your office.

- 1 From the Garuda I Satellite to ACeS' groundstation/partner site, then via terrestrial links to your office.
- 2 Directly from Garuda I to your office.
- 3 From Garuda I to the ACeS' partner in your country, then via terrestrial links to your office.

The G-Wave comes with standard connectivity to the internet where you may access e-mail, browse the web or access your company's LAN via Virtual Private Network (VPN). Alternatively, to complete the circuit back to your office or the client's office, you may use a private leased line to one of our partner groundstations or connect to the groundstation via our Value Added Resellers (VAR) around Asia.

Please contact [g-wave@aces.co.id](mailto:g-wave@aces.co.id) for more details.

#### Technical Specifications\*

Data Rates	
Transmit	Up to 256 kbps
Receive	Up to 256 kbps
Frequency	L-Band
Interfaces	
LAN/IP	Ethernet ports (10 Base-T, RJ-45 plug)
Synchronous data option	V.35
Terminal Control	Front Panel Serial Port
Power Supply	
Voltage	100-240 VAC 50/60 Hz
Consumption	60 W max. in transmit mode
Dimensions and Weight	
Terminal Unit	140 x 415 x 290 mm (HxWxD)
Weight	Approx. 6 kg (with AC power supply)
Antenna Unit	33 x 38.5 x 3.5 cm (HxWxD)
Weight	Approx. 750 gr

\* Due to continuous improvements, the specifications may change slightly.

## ACeS

### System Architecture

#### Stay Connected Throughout Asia

