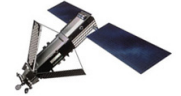


**For Land-Based Satellite Communications**

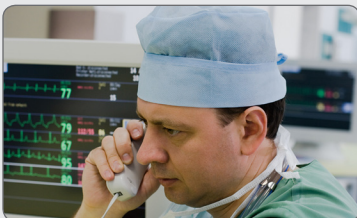


The **ComCenter II / Outdoor** is a feature-rich data and voice unit for the Iridium network that saves time and money in materials and installation. There is no longer a need to run multiple cables for voice & data. This all-in-one, all weather unit only requires one cable, so you are up and running in no time.



- Using the Top Voice Quality of Iridium's Satellite Network
- Simple Installation and Setup
- Cable to POTS equipment up to 8000' away
- No Antenna Cabling
- IP Addressable Data
- Built-in Diagnostic Tools
- Automatic system verification message

**Voice Features**



POTS Interface for Extended Voice Links  
 ASE 'SmartDial'  
 Supports Pre-Paid Scratch & Post-Paid Manager's Cards  
 Pre-assigned PIN(s) to protect Post-Paid usage

**Data Features**



Data Connectivity using Ethernet Infrastructure  
 IP Setup Utilities simplifies installation  
 Real-Time & Historical Diagnostic Logs

Data features like Internet usage and Text Messaging might incur additional service charges. Work with your Iridium Service Provider to determine the best plan for you.

**Text Messaging**

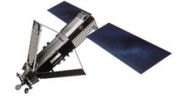


Exclusive ASE SatChat Text Messaging  
 Color-Coded Incoming and Outgoing Messaging  
 Automatic System Status Messaging

**Iridium Network**



Truly-Global and Mobile satellite voice and data network without the limitations of terrestrial-based infrastructure  
 Delivers Critical link over Air, Land, and Sea  
 More Satellites than any other commercial constellation



**ComCenter II / Outdoor Overview**

ASE is an Iridium Value-Added Manufacturer that is widely hailed for its quality workmanship. We back our products with engineer-direct support and a 2 year warranty against defects in workmanship.

**What is in the Box**

- A ComCenter II / Outdoor Unit
- B Communications Cable
- C Universal Wallplate
- D AC/DC Power Transformer (Country Specific)
- E Pole Mount Adapter & Hardware
- F Installation CD
- G Quick Start Guide
- \* 20 Foot Interface Cable with cable to connector breakout (RJ-11, RJ-45, Power)

\* Item not shown in Illustration

Optional 50 to 100 foot extensions allow up to 400 foot lengths



**ComCenter II / Outdoor Specifications**

**Interface Cable Lengths (Max)**

RJ-11 (Voice)	8,000 feet
Ethernet (Data)	400 feet
Power	400 feet (24-36VDC)

**Mechanical Specifications**

Dimensions	11L x 6W x 5H inches
Weight	3.0 lbs
Mounting	Pole or Surface

**Electrical Specifications**

Operating Voltage	12 - 36 VDC
Power Consumption	4 Watts (Idle/Standby) 9 Watts ( Avg Active) 15 Watts (Peak)

**Internal Iridium Antenna Specifications**

Frequency Range	1616 MHz to 1626.5 MHz
Return Loss (Min)	9.5 dB (<2:1 VSWR)
Gain (Weighted Ave. Min)	0.00 dBic
Min Horizon Gain	-2.0 dBic (82° conic avg)
Nominal Impedance	50
Polarization	Right Hand Circular (RHCP)
Basic Pattern	Omnidirectional & Hemispherical

**Environmental Specifications**

Operating Temp Range	-40°C to +70°C
Exposure	Outdoor per IEC 60945 [pending]