applied satellite engineering

ASE ComCenter II Series

Now With GPS

The **ASE ComCenter II Series** *brings your Iridium Sat-ellite link indoors to provide low-cost, low-maintenance, secure access to remote networks and equipment anywhere in the world.*

A choice of enhanced voice and data features lets you select the ComCenter II model that optimizes your satellite communications application!

FEATURES

ENHANCED VOICE
- RJ-11 (POTS) for PABX or wireless base station
- Intelligent Privacy Handset

SMS TEXTING
- Embedded ASE SatChat
- Intelligent Privacy Handset

ENHANCED DATA
- IP Port Forwarding for machine-to-machine (M2M) Apps and VSAT Diagnostics
- e-mail, weather info, Blogs

APPLICATIONS

- Maritime Communications
- Corporate Resilience
- Emergency Back-Up Communications
- VSAT Back Door Diagnostics
- GPS Reporting and Asset Tracking
- Low-Cost SMS Texting

Data transfer and real-time streaming of controls might incur additional service charges. Consult your Iridium Service Provider to determine the best plan for you.

iridium

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ASE ComCenter II Series

Product Selector

ComCenter II - Product Family	Order Number	Voice Interface (Privacy Handset)	Voice Interface (POTS/ PABX)	SMS Texting	e-mail, Weather, Blogs	M2M Port Forwarding (ethernet)	GPS
II - 200	ASE-MC07			X	X	X	
II - 200G	ASE-MC07G			X	X	X	X
II - 300	ASE-MC08	X	X	X	X	X	
II - 300G	ASE-MC08G	X	X	X	X	X	X

Product Detail

Included with all ComCenter Models
• Universal AC/DC Power Adapter
• Installation CD-ROM with User's Manual and Quick Start Guide
• Embedded ASE SatChat Text Messaging

Optional Accessories Include
• Privacy handset with swivel mount bracket
  (add -H to Order Number, example: ASE-MC08-H)
• Fixed Mount Antenna with 10m Cable *(Order Number: ASE-FA01)*
• 3rd Party email, Weather and Blog Application**

**Service fees may apply

ComCenter II shown here with Intelligent Privacy Handset and Swivel Mount Bracket.

Specifications

Interface Cable Lengths (Max)
RJ-11 (Voice)	3,000m (9,800ft)
Ethernet (Data)	120m (400ft)

Electrical Specifications
Operating Voltage	10 - 36 VDC
Power Consumption	4 Watts (Idle/Standby)
	9 Watts (Avg Active)
	15 Watts (Peak)

Environmental Specifications
Operating Temp Range	-30ºC to +60ºC
Exposure	Indoor, protected location per IEC 60945

Mechanical Specifications
Dimensions	(L)22.8cm x (W)12.7cm x (H)6.3cm
	(L)9.0in x (W)5.0in x (H)2.5in
Weight	0.9kg (2.0 lbs)
Mounting	Wall Mount

Iridium Antenna Requirements
(Use only an Iridium approved antenna)
Cable Run must not exceed 3db signal loss	LMR-196	6m (20ft)
	LMR-240	9m (30ft)
	LMR-400	18m (58ft)
Max Cable Runs	LMR-600	27m (90ft)
	LMR-900	40m (133ft)
	LMR-1200	54m (176ft)

Internal GPS Specifications *(G Models Only)*
Signals Tracked	Tracking L1, C/A Code, AGPS, SBAS, (WAAS, EGNOS)
Frequency	1575.42 MHz
Channels	16
Update Rate	Up to 4 Hz
Report Rate	Configurable
Accuracy	
Horizontal Position	< 2.5 m (1 - Sigma)
	< 2.0 m (SBAS)
Velocity	< 515 m/s
Altitude	10,000 m (33,000 ft) max

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