

Iridium 9555 ASE Docking Stations



Ideal vertical markets that benefit from ASE Docking Stations:

- **Commerce:** Business Continuity, Contingency Planning, Banks and Financial Institutions, Large Corporations, Facilities Management, and Security Companies
- **First Response:** Defense Contractors, Relief Aid, NGO, Emergency Operation Centers (EOC), Police & Law Enforcement, Fire & Rescue, Hospitals, and Military
- **Remote Utilities:** Oil & Gas, Mining, Water & Power, Electricity, and Renewable Energy
- **Maritime:** Large Maritime Shipping Vessels, Luxury Yachts, Small Leisure Craft, and Sailboats

Introducing the **ASE 9555 Docking Stations** that transform the Iridium 9555 Satellite Phone. Don't be mistaken, these are not car kits, but revolutionary assets to your emergency communication fleet. Indoor access to the Iridium satellite network has never been easier or more technologically advanced. Dock or undock 9555 satellite phone for fixed or mobile connection.

Two Solutions Available:

- **DK050** - for dock-in or pop-out connection to the Iridium network.
- **DK075** - for additional access to RJ-11/ POTS and PBX integration.

DK075 & DK050 Docking Stations include:

- Docking Station
- AC/DC Power Adapter
- Vehicle DC Power Adapter
- CD with User Manual

Upgrade to DK075+ or DK050+

The Intelligent Handset optimizes convenience and allows you to make calls, send and receive SMS, and best of all troubleshoot on its LCD screen all while keeping the 9555 securely docked.



Includes:

- Intelligent handset
- Mounting Plate

Iridium 9555 ASE Docking Stations

Rotating lock ensures proper docking, provides shrouding and protection for the 9555 antenna.

It's **aesthetically modern design** is easy on the eyes and on installation time and costs. All-in-One enclosed device eliminates the need for extra modules to be connected and additional mounting hardware, saving you time and confusion during installation.

Enhanced Smart Dialing simplifies user dialing by detecting the correct format for the country being called. Smart Dial's System Tone Alerts and Menu Selections identify when something is wrong and allow you to quickly diagnose and fix the problem.

SMS Messages can be sent and received using the corded Intelligent handset and or by using the 9555 keypad directly while docked.

Hands-free operation allows you to multi-task while connected to the Iridium satellite network.



*DK075 unbundled shown

Bright Visual Alerts clearly notify you up to 25 ft. away when satellite is out of range, signal strength is low or phone is undocked.

Digitally Optimized Voice techniques provide superior voice audio, echo and noise reduction.

Available in bundled kits, the small, lightweight, and optional ASE **Intelligent Handset** has an easy-to-read graphical LCD providing instant status and operational information such as "READY" or "9555 Removed". Plus, all of the standard features like SMS messaging, voicemail and phone setup are also available at the corded handset.

ADDITIONAL FEATURES

- Internationally recognized certifications: CE, RoHS, EMI, EMC, IEC60945, & FCC
- Robust enclosure shields phone and antenna
- USB connect serial port for data connections including with Direct Internet 2.0
- Built-in charger
- Base-station ringer
- Wide-range power input (AC & DC)
- Multiple antenna options
- RAM mount available
- RJ11 Connection and PBX Integration option available with DK075 and DK075+

050 Docking Station For 9555

The ASE Docking Station that transforms the Iridium 9555 Phone. Applied Satellite Engineering's ASE-DK050 docking station offers unprecedented reliability, superior intelligence, and rugged integrity to make an exceptional phone even better. Together, the Iridium 9555 and the ASE-DK050 offer an unsurpassed package of reliability, innovation, power and efficiency.

The ASE-DK050 provides office, vehicle and vessel customers with a dependable and critical lifeline via Iridium Satellite Network. The mobile satellite service, which offers the only pole-to-pole global communication coverage, enables the ASE-DK050 to provide unfaltering satellite communication anywhere on Earth. The docking station's advanced ergonomic design, small footprint, and array of attractive and up-to-the minute safety features place the ASE-DK050 in a league of its own.

FEATURES AND EQUIPMENT

- Innovative and Ergonomic Design: Rugged and secure locking restraint secures 9555 in cradle in any environment. Swivel mount takes up small footprint on bridge.
- Enhanced Smart Dial includes ground-breaking safety and problem-solving features. It is the only docking station that can detect the correct format for the country that is being dialed and place the call once the number is entered. Specific audio tones alert the user when satellite is out of sight or signal strength is low, if phone is undocked and even when payment for service is overdue. The Smart Dial indicates when something's wrong, and how to correct it.
- ASE Privacy Handset: Small and lightweight and securely latched, this corded handset is always ready for use. Plus the easy to read graphics display provides instant status and operational information.
- Status Indicators for Simple Operation: Large icons enable status viewing from 25 feet combine with the Iridium handset's graphic display for set-up, troubleshooting, programming and operation.
- Simple Installation: Electronics-inclusive cradle means no extra components to hide which keeps installation simple and uncluttered.
- Indoor/Outdoor: Dock the Iridium phone in our docking station to access satellite communication indoors. For outdoor use, undock the handset and take it with you – fully charged and ready to go.
- USB Connect: Serial port for data connections including Internet connect with Direct Internet 2.0. Allows the user to dial up the Internet to access email, weather reports and other information from a laptop.

IRDM-95550Dock



050 Docking Station For 9555

- Built in Charger
- Base Station Ringer
- Handsfree Operation
- Wide-range Power Input
- Multiple Antenna Options
- Ideal for Captain's phone, small boats, trucks, and emergency vehicles

9555 DOCKING STATION INTERFACE PORTS

INTERFACE PORT	Function
A) Mini USB	USB Data Interface
B) RJ-45	Iridium Intelligent Handset
C) Power Input	9-36 VDC Voltage Input
D) Reset Button	Initiates a System Reset



MECHANICAL SPECIFICATIONS

Dimensions	9.75" x 5.50" x 3.25" (LxWxH)
Weight	1.4 lbs
Mounting	Direct wall mount or Universal Mounting (see accessories)

ELECTRICAL SPECIFICATIONS

Operating Voltage Range	9 – 36 VDC unregulated
Power Consumption	12 watts peak

ACCESSORIES

Universal Mounting Kit:

ASE's Universal Mounting Kit allows multi-positional installation in almost any mobile environment.



ORDERING INFORMATION

ASE-DK050	9555 Docking Station
ASE-MNT01	Docking Station Universal Mounting Kit

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range	-15°C to +70°C
Exposure	Dry, Protected Location per IEC 60945

IRIDIUM ANTENNA SPECIFICATIONS

Operating Temperature Range (without loss of function)	-40°C to +85°C
Measurement Frequency Range	1616 MHz to 1626.5 MHz
Return Loss (minimum)	9.5 dB (< 2:1 VSWR)
Gain (weighted average minimum)	0.0 dBic
Minimum 'Horizon' Gain	-2.0 dBic (82 degree conic average)
Nominal Impedance	50 ohms
Polarization	Right Hand Circular (RHCP)
Basic Pattern	Omnidirectional and Hemispherical

Note: The antenna cable used must insure a loss of < 3 dB and the minimum link margin of 12.1 dB must be maintained.

075 Docking Station For 9555

The ASE Docking Station that transforms the Iridium 9555 Phone. Applied Satellite Engineering's ASE-DK075 docking station offers unprecedented reliability, superior intelligence, and rugged integrity to make an exceptional phone even better. Together, the Iridium 9555 and the ASE-DK075 offer an unsurpassed package of reliability, innovation, power and efficiency.

The ASE-DK075 provides office, vehicle and vessel customers with a dependable and critical lifeline via Iridium Satellite Network. The mobile satellite service, which offers the only pole-to-pole global communication coverage, enables the ASE-DK075 to provide unfaltering satellite communication anywhere on Earth. The docking station's advanced ergonomic design, small footprint, and array of attractive and up-to-the minute safety features place the ASE-DK075 in a league of its own.

FEATURES AND EQUIPMENT

- RJ11 Connection and PBX Integration Connects to an analog phone (single or PBX) including multi-handset wireless phones. Use of a cordless phone with expandable headsets can provide up to eight units within a two-mile range (unobstructed) from the base station. Or integrate a Satellite line into your company's PBX phone system.
- Enhanced Smart Dial includes ground-breaking safety and problem-solving features It is the only docking station that can detect the correct format for the country that is being dialed and place the call once the number is entered. Specific audio tones alert the user when satellite is out of sight or signal strength is low, if phone is undocked and even when payment for service is overdue. The Smart Dial indicates when something's wrong, and how to correct it.
- Innovative and Ergonomic Design: Rugged and secure locking restraint secures 9555 in cradle in any environment. Technology for your control room, but attractive enough for your stateroom.
- Status Indicators for Simple Operation: Large icons enable status viewing from 25 feet combine with the Iridium handset's graphic display for set-up, troubleshooting, programming and operation.
- Indoor/Outdoor: Dock the Iridium phone in our docking station to access satellite communication indoors. For outdoor use, un-dock the handset and take it with you.
- Simple Installation: Electronics-inclusive cradle means no extra components to hide which keeps installation simple and uncluttered.
- USB Connect: Serial port for data connections including Internet connect with Direct Internet 2.0. Allows the user to dial up the Internet to access email, weather reports and other information from a laptop.

IRDM-955575Dock



075 Docking Station For 9555

- Built in Charger
- Base Station Ringer
- Handsfree Operation
- Wide-range Power Input
- Multiple Antenna Options
- PBX Integration Experts
- Ideal for corporations, resilience and emergency preparedness, and mid-to-large maritime vessels

9555 DOCKING STATION INTERFACE PORTS

INTERFACE PORT	Function
A) Mini USB	USB Data Interface
B) RJ-11	PBX/Analog Phone Connection
C) RJ-45	Iridium Intelligent Handset
D) Power Input	9-36 VDC Voltage Input
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ORDERING INFORMATION

ASE-DK075	9555 Docking Station with RJ-11
ASE-MNT01	Docking Station Universal Mounting Kit

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range	-15°C to +70°C
Exposure	Dry, Protected Location per IEC 60945

IRIDIUM ANTENNA SPECIFICATIONS

Operating Temperature Range (without loss of function)	-40°C to +85°C
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