

DK075 DOCKING STATION



PROTECTION AND
ENHANCEMENT FOR
THE IRIDIUM 9555
SATELLITE PHONE

VERTICALS

- › First responders
- › Maritime
- › Hospitals
- › Government
- › Transportation
- › Mining
- › Offices

USE CASES

- › Phone charging
- › Phone protection
- › Enhanced reception
- › Remote handset
- › Hands-free operation
- › Resiliency
- › Privacy handset (optional)

TRANSFORMING THE 9555 PHONE

Blue Sky Network's line of Iridium docking stations are the perfect solution for overcoming a satellite phone's inability to work inside a building, vehicle, or vessel.

The DK075 is a refined docking station for the Iridium 9555 phone/handset. Elegant in appearance, it is often chosen for executive offices or the bridge of a sophisticated yacht. It is also at home inside a remote control room.

This docking station is singular and powerful in its use and function, working immediately out of the box with minimal maintenance needed.

It performs extremely well at bringing the Iridium network inside and connecting to any analog phone or Private Branch Exchange (PBX).



FEATURES AND EQUIPMENT

RJ-11 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. Detects the correct format for the country being dialed and uses specific audio tones to alert the user when the satellite signal strength is low or the service is unavailable.

PRIVACY HANDSET (OPTIONAL). Small, lightweight, and securely latched. Easy-to-read graphics display provides instant status and operational information.

STATUS INDICATORS. Large icons enable status viewing from 25 feet. Combines with the Iridium phone's display for setup, troubleshooting, programming, and operation.

SIMPLE INSTALLATION. Electronics-inclusive cradle means no extra components to hide, keeping the installation simple and uncluttered.

INDOOR/OUTDOOR. Use the docking station when indoors, then undock the 9555 and take it with you – fully charged and ready to go.

INTERFACES



(A) Mini USB data interface

(B) RJ-11 PBX/analog phone connection

(C) RJ-45 for handset connection

(D) Power input (9-36VDC)

(E) Reset button



SPECIFICATIONS

PHYSICAL*

- Size: 9.75 x 5.5 x 3.25 in.
- Weight: 1.4 lb.
- Operational temperature: -15°C to +70°C
- Input voltage: 9 – 36 VDC unregulated
- Power consumption: 12 watts peak
- Exposure: Dry, protected location per IEC 60945
- Direct wall mount or docking station universal mounting kit with privacy handset (optional).



Privacy Handset

* Physical product specifications subject to change

ANTENNA

- Frequency range: 1616 MHz to 1626.5 MHz
- Return loss: 9.5 dB (< 2:1 VSWR)
- Gain (weighted average minimum): 0.0 dBic
- Minimum 'Horizon' gain: - 2.0 dBic (82 deg conic average)
- Nominal impedance: 50 ohms
- Polarization: Right Hand Circular (RH CP)
- Basic pattern: Omnidirectional and Hemispherical
- Operating temperature range without loss of function: -40°C to +85°C

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

ABOUT BLUE SKY NETWORK

Blue Sky Network is an industry-leading provider of global solutions engineered for the future of land, sea, and air communications. Our comprehensive portfolio of satellite-based tracking systems, software solutions, two-way devices, and hardware communicate effortlessly to deliver seamless connectivity and a suite of IoT/M2M capabilities, even in the most remote environments.

Blue Sky Network is a preferred Iridium Certus service provider and value-added manufacturing partner.



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