



# Remote Access Device

Versatile and secure remote access



Advenica Remote Access Device is a hardware unit combined with a software platform that enables you to reach any device, out-of-band, without exposing sensitive equipment or endpoints to the Internet.

## Versatile uses to fit your needs

Whether you need KVM, Terminal, or IP-based access, this is the solution for you. This highly versatile and portable device allows you to easily create a bridge between your OT or IT equipment and a remote specialist.

Plug in the device and establish an immediate, encrypted remote access tunnel to the equipment without exposing the network. If you have an air-gap it will remain intact.

## Clientless approach for highest ease of use

By connecting a Remote Access Device to the equipment you want to control, you can setup a browser-based connection. With this setup you can get KVM access, terminal access (USB/Serial) or SSH access. This setup also allows for file transfer.

By using two Remote Access Devices you can create a clientless tunnel between your computer and any remote equipment. Just connect one device at site and one to your computer and you can create an IP-tunnel, USB-tunnel or Serial tunnel between the two hardware devices.

## Two alternative authentication modes

You can order the device with one of two options for establishing the remote connection.

### Attended access - one time access opened from site

Requires a physical press on the hardware device to generate a secure authorization code (One Time Password). This guarantees that only on-site personnel can authorize remote connections.

### Unattended access - establish the connection remotely

Unattended Access through the Cloud Service Portal, utilising default multi-factor authentication for user identity verification. No on-site personnel required.

## Key features

- **Portable:** Small form factor and built-in battery allows ad-hoc usage.
- **Secure:** Built on Zero Trust principles, ensuring Least Privileges, Access Control, and Audit Log.
- **Versatile:** A wide variety of I/O options enabling connections to an extensive range of devices.
- **Clientless:** Plug-and-play solution requiring no software installations.
- **Out-of-Band:** Built-in LTE\* connection ensures isolated remote access.
- **Offline:** Whether utilizing LTE, WiFi, or LAN, the internet connection is not shared with the endpoint and will remain offline during remote access.

\*SIM card not included

## Ways of use

- Keyboard Video Mouse (KVM)
- IP Tunnel
- Serial Tunnel
- USB Tunnel
- Secure Shell (SSH)
- Serial Terminal
- Offline File Transfer

# Technical data

## Advenica Remote Access Device

### General info

#### Data channel

Encrypted WebRTC via MQTT

#### OS

Minimal, hardened Linux version

#### Humidity and temperature

Max. 85% non-condensing relative humidity

41°-104°F (5°-40°C)

#### Connectivity

LAN, WIFI, LTE (3G and 4G)

### I/O

#### USB-C

Video input, keyboard/mouse output and charging

#### Bluetooth 4.0

Keyboard/mouse input.

#### Micro-USB

Keyboard/mouse output and charging

#### Ethernet RJ45

Network (POE) and charging

#### RS232

Terminal session

#### SPDT

Power relay

#### HDMI

Video input up to 1080p @60Hz

#### SIM tray

Nano-SIM

### Battery

#### Type

Industrial RRC1120 - 1S1P (UL2054 certified)

#### Power

3.70V / 2,000mAh / 7.4Wh

9-watt max power consumption

≈ 2 hours battery time

### Dimensions

#### Case size

L-124mm W-87mm H-27mm

#### Weight

250 g

#### LCD Display

2" TFT



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