



**KINECTED
SOLUTIONS**



REMAIN COMBAT EFFECTIVE

RU.C.K Sync (Rugged Universal Charge Kit) enables users to Sync and Charge at the Tactical Edge at Gigabit speeds.

Ruck Sync is able to accommodate up to 24 End User Devices (EUD's) and can provide local connectivity or remote connectivity either by direct physical connection to a PC, or by any ethernet capable bearer of opportunity, enabling remote or local synchronisation and management capabilities for connected devices

R.U.C.K Sync will house any USB C capable device and can cater for multiple OEM protective EUD case kits, including Kagwerks, Juggernaut and Bunker for all current and future Samsung TE EUD releases, as well as non TE / Non Samsung devices.

Key Features

- USB over IP to up to 24 connected EUD's at Ethernet speeds .
- Dual Ethernet ports enabling optional ethernet bonding for high sync speeds or fall over redundancy from two x different bearers of choice for contingency.
- Dual Power options for austere / low infrastructure environments.
- Ethernet speeds to connected devices using USB 3.1 Gen 1.
- Protocol support for HTTPS, FTP, SFTP, SSL, SMTP, SSH and CLI for web management.
- Local IP for web UI management.
- Ability to daisy-chain multiple R.U.C.K Sync systems if required.
- Update and build entire fleets over secure connections or update individual devices or groups as needed.
- Utilise and direct connect to VPNs
- Access and monitor USB devices over TCP/IP connection.
- Devices are fully protected (IP66) from dust, debris and moisture ingress.
- Ruck Sync will charge all USB connected devices ensuring devices are charged and ready for deployment post Sync.

Specification

SW Management

Local or Remote management (*remote software required*)
WebUI (HTTPS, FTP, SFTP, TLS 1.2, SMTP, SSH and CLI)

O/S

Windows®: Windows 7, 8.1, 10, 11; Windows Server®
2012-R2, 2016, 2019, 2022

Linux®: Ubuntu® (LTS versions tested 18.04, 20.04,
22.04, 24.04), Debian® (LTS versions tested 10.13, 11.9,
12.5) and Red Hat®/AlmaLinux/Rocky (LTS versions
tested 8.10 and 9.4)

Protocol

Ethernet -USB over IP (USB 3.1)- supports multi-host
connectivity / DHCP

Network and Data rate

2 x Ethernet (Amphenol-RJ45) ports -10GB
Ethernet bonding
24 x USB Power Output- 5V @ 1A continuous (USB
Type-C)

Security/VPN

TLS 1.2, SSH, HTTPS

Power Input

1 x Mains (UK 3-Pin | 10-240 V / 3A)
1 x DC 12v (BB-2590)

Physical

Dimensions (LxWxH) 200x140x100
Case Colour: Black
Mass (kg)- 22.5 Kg



Environmental and Safety

IP66 -Dust and Water (Lid closed)
Operating Temperature 0- 55 degrees C
(Fan cooled)

Emissions/Standards

UL 62368/60950, EN 62368, IEC 62368, CSA 22.2
62368-1

UKCA, FCC Part 15 Class B, AS/NZS CISPR 22, EN
55024, EN 55032



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