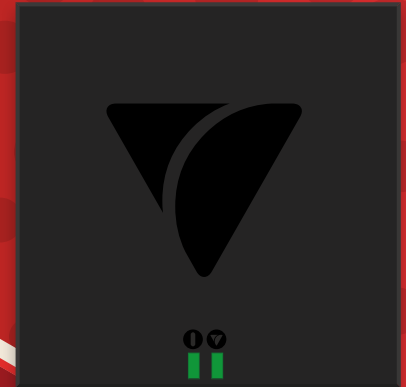


Veea SmartRetail Hubs

Bringing seamless connectivity to local stores and businesses



Benefits

- All-in-one connectivity solution for small to medium sized retail outlets
- Cellular failover to allow continuous processing of payments and internet services
- Secure guest Wi-Fi for customers including advertising
- Security updates
- Footfall customer tracking
- Wireless mesh – reduces IT costs
- Open platform for upgrading and enhancing services in-store
- Replaces or enhances existing wireless access points and routers

- Advertising
- Shopper/guest Wi-Fi
- Secure messaging
- Customer analytics
- Security
- Digital signage
- Promotions
- Audio streaming
- Inventory
- IoT connectivity

The Veeahub brings together all your Cloud and connectivity services and data into a single device – the affordable solution for 4G failover, guest Wi-Fi and in-store services that puts you in control.





App store

An enterprise application store allows developers to download and distribute containerized apps with constrained access to the Veeahub kernel. An open software development platform with SDK allows apps developed by third parties to be distributed through Veeahub App Store.



4G failover

The VHC05 provides optional backup internet connection in the form of a secure and affordable 4G failover which allows your business, including payment transactions, to continue even when the internet is down.



Guest Wi-Fi

No need to give out passwords – with the VHC05 you can easily create a guest Wi-Fi for your customers that is secure and separate from your business network. Auto login into your guest Wi-Fi is enabled by an embedded beacon in the VHC05 along with Veea consumer app or the Veea supplied SDK that can be integrated into your app.



Connectivity

Third party sensors controlling IoT devices such as CCTV cameras, restricted area access doors, lighting and temperature monitors can be deployed from any third party via the IoT device manager integrated into the VHC05.



vMesh

Veeahubs automatically create a high-performance, self-healing and self-organizing integrated mesh, called vMesh. This standalone wireless or wired mesh network provides a distributed computing platform that also extends coverage, increases compute power and storage whilst enabling the expansion of IoT connectivity coverage.

Veeahub VHC05 specification

Description	Edge to Cloud connectivity and IoT Gateway with Integrated Firewall
Auto provisioning Plug & Play	Yes
OS	Linux
Apps Store	Applications easily deployed, powered by docker
iOS & Android apps	Yes
Security	Trusted Platform Module
Wireless connectivity	2 x Dual-band 802.11n/ac 2x2 MIMO Bluetooth 4.0 Zigbee or Zwave (USA only) LTE / WCDMA 1X2 (optional)
Ports	1x 100Mb Ethernet Port 2 x USB 2.0 Type A Ports 1 x HDMI Type A Port
Memory	1GB DDR2 RAM 32 GB eMMC Flash
Card slots	None
Processor	ARM Quad core A53 @ 1.2GHz
Power supply	Universal 5v power supply (included)
LEDs	1 x LED power indicator 1x LED status indicator
Factory reset	Yes
Soft power switch	No
PoE	No
Management features	Managed & authenticated locally or via cloud using Control Centre and mobile apps
Mounting options	Desktop or ceiling/wall mount (with optional bracket)
Operating temperature	0°C to 40°C
Relative humidity	10% to 90% typical
IP rating	IP51
Dimensions	115mm x 115mm x 33mm
Certifications	FCC, CE, KCC, CCC
Warranty	1 Year



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