

SilverBlade[®] II



SILVERBLADE II

SilverBlade II is a compact field unit that bonds and optimises Cellular, Satellite & Wi-Fi Networks. It provides a fast, highly resilient and secure Internet connection for the rapid delivery of live, interactive or file-based media to your Cloud from the latest broadcast cameras, smart phones, and encoders.

SilverBlade[®] II uses RazorLink[®] Smart Networking Technology for seamless connectivity and rapid deployment. Fully compatible with popular interactive live applications like FaceTime, Zoom and WebEx, as well as social media contributions such as Periscope, Instagram, Twitch, Facebook, Twitter, YouNow and IBM Cloud.

LIVE FEEDS

Broadcast cameras with built-in encoders can be combined with SilverBlade II to offer a highly cost effective professional live solution, delivering content to the control room or cloud service. Similarly, SilverBlade II can deliver high speed Internet access necessary for 4K 360° cameras to stream to social media and provide higher quality more robust interactive content from applications like Skype and FaceTime.

FILE BASED WORKFLOWS

The RazorLink technology built into SilverBlade II accelerates file transfer applications, fully utilising the bandwidth over a single or bonded connection. This is achieved by overcoming the limitations of TCP over poor quality or long distance networks. This works with the built in FTP clients found in some cameras or widely used applications running on laptops and smartphones.

KEY FEATURES

- Compact lightweight hardware
 - Internet access from the field at over 100 Mbps*
 - Cost effective - No Subscription or Airtime lock-in
 - Rapid Deployment and Simple Configuration
 - 12VDC input power – Operates from batteries, vehicles or mains
 - Hybrid WAN – Bond DSL, Wi-Fi, Cellular and Satellite
 - WAN Optimisation – Full utilisation of available bandwidth
 - Network Resilience – Sophisticated Error correction delivers robust streaming
 - Low Latency – Automatically selects best performing networks
 - Transparent operation and Workflow agnostic
 - Flexible - On premises or Cloud endpoints
- * Subject to underlying network speeds

DATA AND NETWORK SECURITY

RazorLink Technology is designed to provide transparent operation to applications with a simple highly focused firewall policy lowering the attack surface. RazorLink offers up to AES 256 data encryption across networks, providing the security benefits of VPN based technology without the performance penalty.

RAZORLINK AWARE APPLICATIONS

“RazorLink Aware” applications can take advantage of additional features such as QoS specification and error correction profiles. Access to network performance statistics from RazorLink, such as available bandwidth means an application can rapidly adapt to network conditions, offering the lowest possible latency whilst maintaining the highest quality video.

SILVERBLADE II USER INTERFACE

The SilverBlade II user interface can be accessed from a web browser via a smartphone, tablet or laptop. The interface provides a graphical view of network performance and allows configuration of modems and operating parameters.



COST CONTROL

- No Subscriptions costs
- No Airtime lock-in
- Fast access to the Internet from office or field
- Full utilisation of existing networks
- Accelerates and secures standard applications
- Scalable Cloud or On-Premise operation

SILVERBLADE II PACKAGE

- The Main Control Unit with internal unlocked modem
- Three unlocked USB modems - specific to geographical area Europe/Asia/Americas
- Multi-standard mains supply



ON PREMISE OR IN THE CLOUD

RazorLink Smart Networking solutions have two endpoints, the Client and the Terminator (RazorLink receiver). The RazorLink Terminator software can be deployed on premise or in a Private or Public cloud and is available for Windows, MacOS or Linux. All RazorLink solutions are fully compatible and RazorLink Terminators can service multiple RazorLink Client systems such as the SilverBlade II.

To take best advantage of RazorLink technology when accessing Cloud services, it is recommended to co-locate a RazorLink Terminator instance within the same infrastructure as the application server, for example within an AWS region.

For those customers who do not have their own infrastructure or Cloud provision Livewire Digital can offer a fully managed service.

SILVERBLADE II COST OPTIONS

- Internal modem option to support Global operation
- Additional unlocked USB modems

TECHNICAL SPECIFICATIONS

- Input Voltage: 12 V. Passively cooled.
- Operating temperature: 0 - 40 degrees
- Processor: Intel Celeron® N3350
- 4GB DDR4 SO-DIMM Memory
- Internal WiFi (2.4 / 5GHz) - 802.11a/b/g/n
- 1 x Internal 4G cellular modem (Cat6). 4G / LTE Bands: B1-B5, B7, B12-B13, B20, B25-B26, B29-B30, B41, HSPA+/UMTS Bands: B1-B5, B8
- Support for 3 external USB cellular modems
- High gain external Wi-Fi and cellular antenna
- Front I/O: 2 USB 3.0 ports, 2 mini-DisplayPort, 2Gb LAN, Side I/O: 1 MicroSD Card slot, 1 Power Button, 1 Power Indicator LED, 1 COM port (RS-232), 1 USB 2.0 port, 1 DC Input jack (12 V)
- Mounting Options: DIN, VESA & Wall mountable.
- Size: 115mm x 82mm x 34mm. Weight: ~408g
- Regulatory Information: 2002/96/EC (WEEE Directive), 2011/65/EU (RoHS 2 Directive)
- 1-year warranty and support