# BridgeWave

Advanced Security Solutions
for BridgeWave 60GHz and 80GHz Wireless Links

Datasheet

ENHANCED DATA & MANAGEMENT SECURITY

BridgeWave is the leading supplier of gigabit RF connectivity solutions for service provider, government, military and enterprise applications. BridgeWave Gigabit and Fast Ethernet links extend LAN backbones between buildings and sites, as well as extending the reach of network operator fiber. BridgeWave's Advanced Security Products add another layer of data protection to BridgeWave's inherently secure wireless links, providing the most secure gigabit wireless solutions available.

5.8GHz Beam: 11°
BridgeWave Beam: 1°
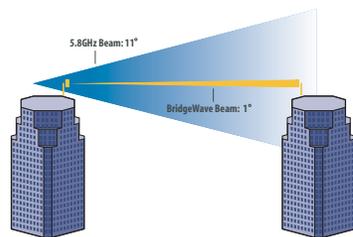
Standard Security Features

- Narrow beam antennas prevent interference and interception
- Supports either in-band or out-of-band network management
- Management access password controls: length, non-reuse, aging
- SYSLOG support
- Physical layer security superior to inter-building fiber

Secure Management Option

HTTPS://

- Secure (256-bit AES) HTTPS access to network management agent
- RADIUS user authentication client
- Meets US Army IMOD program security requirements
- Software field upgrade for all current product models

Advanced Encryption Standard (AES) Option

AES BUILT-IN

- 256-bit key length AES — the strongest data encryption available
- Full-rate Gigabit or Fast Ethernet performance under all traffic loads
- Ultra-low latency — adds only 2 microseconds packet delay
- FIPS-197 certified
- Cipher Block Chaining (128-bit blocks) conceals patterns in plain-text
- Meets "Top Secret" security standards
- Avoids costly, complex, lower-performing external-box solutions
- Includes Secure Management Option to protect symmetric key configuration
- Factory hardware option for all AdaptRate™ products

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