Quickbridge® 1066 LNK

Product Snapshot

The Edge QuickBridge® 1066 is a wireless bridge-in-a-box solution operating in the 6GHz band.

The integrated 15dBi 33 degree antenna speeds installation for those who need a point-to-point wireless link up and running without fuss.

- Flexible channel planning with support for 5.900 to 6.425 GHz
- High throughput MIMO 2x2:2 with radio rates of 300 Mbps at 40 MHz
- 5, 10, 20, and 40 MHz channels
- Dual IPv4 and IPv6 stacks
- IP67 rated enclosure with surged protect ethernet port

Powered by WORP®

Proxim WORP enables the most efficient wireless broadband access possible in a packet-based network. Advanced QoS controls, committed interface rates, latency controls, IGMP snooping, and native multicast support allow granular service level management and the best video performance available in this product class.

Advanced Interference Management

Proxim ClearConnect™ combines multiple dynamic technologies and delivers the best interference management solution available.

Rugged Reliability

IP67 rated metal enclosure to ensure years of reliable service in harsh environments, including high winds, high salt, and temperature extremes.

Secure

AES 128 encryption with Radius-based authentication and secure management through SSL/ TLS1.2, SSH, and SNMPv3.

Specifications

PRODUCT MODELS

QB-1066-LNK-WD	Edge Quickbridge 1066, Link, 300 Mbps, Integrated Antenna	PN: 902-00939

INTERFACES

WIRED ETHERNET	One auto MDI-X RJ45 10/100/1000Mbps Ethernet with PoE in
WIRELESS PROTOCOL	WORP® (Wireless Outdoor Router Protocol)

RADIO & TX SPECS

MIMO	2x2:2
MODULATION	OFDM BPSK-QAM256
FREQUENCY	5.900 – 6.425 GHz (Subject to Country Regulations)
CHANNEL SIZE	5, 10, 20 and 40 MHz
DATA RATE	Upto 300 Mbps
TX POWER	Up to 25 dBm (dual chain)
TX POWER CONTROL	0 - 22 dB, in 1 dB steps. Automatic TPC with configurable EIRP limit

		5 MHz	10 MHz	20 MHz	40 MHz
TX POWER (dual RF)	MCS0	25	25	25	25
	MCS7	20	20	20	20
	MCS8	25	25	25	25
	MCS15	20	20	20	20
RX SENSITIVITY (Per=10^{-6})	MCS0	-97	-95	-92	-89
	MCS7	-77	-75	-72	-69
	MCS8	-96	-93	-90	-88
	MCS15	-73	-70	-68	-61
OTHER	Dynamic Channel Selection (DCS) based on interference detection				
	Automatic Transmit Power Control (ATPC) with EIRP limit support				

MANAGEMENT

REMOTE	Telnet and SSH, Web GUI and SSL/TLS1.2, TFTP, SNMPv3
SNMP	SNMP v1-v2c-v3, RFC-1213, RFC-1215, RFC-2790, RFC-2571, RFC-3412, RFC-3414, Private MIB
OTHER	Syslog, sFlow™ agent, SNTP and local time, Spectrum analyzer
Multi-Language Support	Web Interface available in English, French, Spanish and Chinese

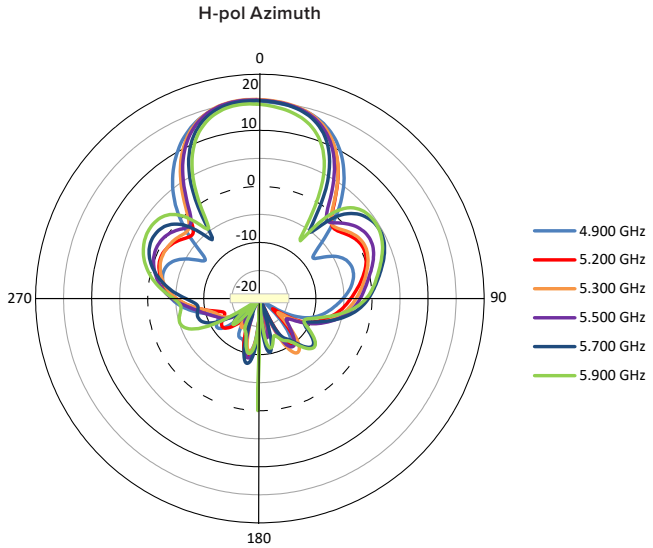
SECURITY

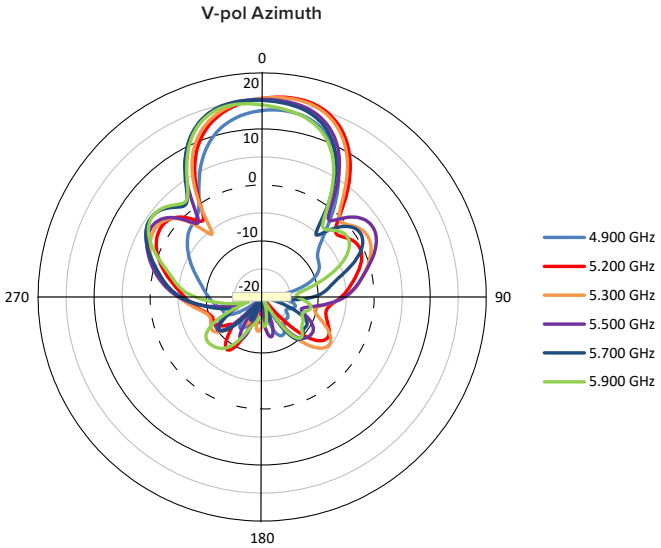
ENCRYPTION	AES 128
AUTHENTICATION	Internal MAC Address Control List, Radius based Authentication (with VLAN and QoS provisioning)

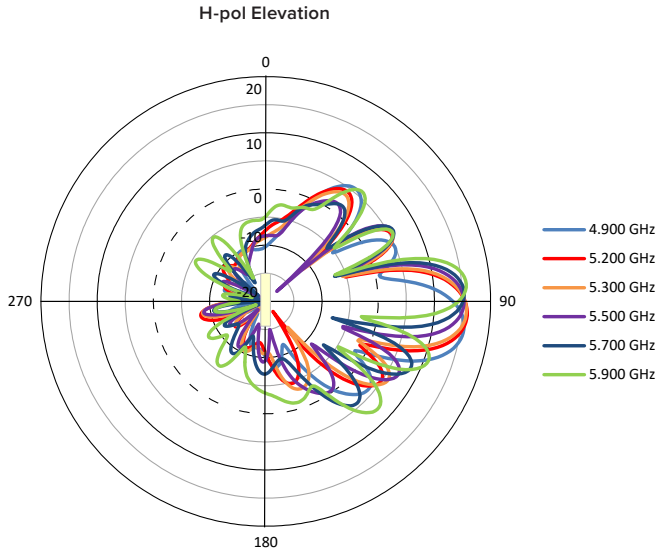
ANTENNA

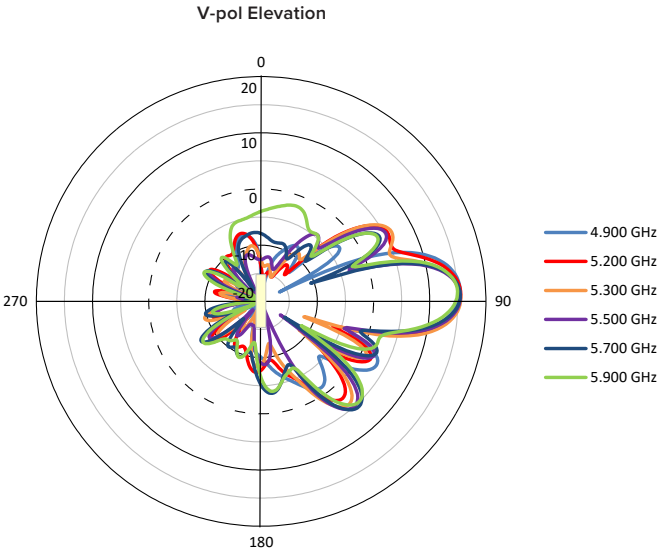
QB-1066-EPR	Integrated 2x2 MIMO 15 dBi Dual Polarized 33 degree Panel Antenna

ANTENNA PATTERNS (Sector Mode)









QoS

Asymmetric Bandwidth Control	Asymmetric UL/DL committed and maximum information rate per service flow
Packet Classification Capabilities	802.1p priority, IPTOS, VLAN ID, IP addresses, ports, Ethernet addresses, IP protocol, and EtherType
Scheduling	Best Effort, Real Time Polling Services

NETWORK

MODES	Bridging, Routing (RIP v2 and IP tunneling)
IP STACK	IPv4 and IPv6 simultaneously
GATEWAY FEATURES	DHCP Server & relay, NAT with Std ALGs, PPPoE end point with Proxy DNS
VLAN	802.1Q: Management VLAN. Transparent, Access, Trunk and Mixed mode. QinQ double tagging

POWER

802.3af/at compliant

POWER CONSUMPTION

10 W typical, 12 W max

ENVIRONMENTAL SPECS	OPERATING TEMPERATURE	STORAGE TEMPERATURE	HUMIDITY - IP RATING	WIND LOADING
	-30° to 55° Celsius (-22° to 131° Fahrenheit)	-50° to 70° Celsius (-58° to 158° Fahrenheit)	100% relative humidity– IP67	180 km/h (112.5 mph)
PHYSICAL SPECS	**DIMENSIONS PACKAGED**	**DIMENSIONS NPACKAGED**	**WEIGHT (PACKAGED)**	**WEIGHT (UNPACKAGED)**
QB-1066-EPR	310 x 226 x 98 mm (12.2 x 8.9 x 3.85 in)	170 x 217 x 56 mm (6.7 x 8.55 x 2.2 in)	2.15 kg (4.74 lbs)	1.20 kg (2.65 lbs)

SAFETY STANDARDS

IEC 62368-1:2016 & 60950-22:2016

EN 62368-1:2014 + A11:2017 & 60950-22:2017

PACKAGE CONTENTS

- One Edge Quickbridge QB-1066-LNK with integrated antenna
- Two M25 weather proofing cable gland
- Two wall mounted power injector with US to EU plug adapter
- Two full axis mounting kits
- Two Grounding kit
- Two Quick Installation Guide

MTBF & WARRANTY

>250 000 hours, 2-year warranty, ServPak Extended Support available.

ABOUT PROXIM WIRELESS:

Proxim Wireless is a pioneer and global leader in advanced WiFi, point to point and point to multipoint outdoor wireless systems that deliver high performance and high availability communications. With over 30 years of wireless development, Proxim is recognized for its unparalleled reliability, superior performance, and drive for innovation.

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