

	Quickbridge® 10250 BeamX Series	Quickbridge® 10100S Series	Quickbridge® 10100 Series	Quickbridge® 10100L Series	Quickbridge® 10100-xxx	Edge Quickbridge 1015	Tsunami® GX-824
Frequency Band (Subject to country regulations)	• 4.900 – 5.850 GHz	• 4.900 – 5.925 GHz	• 4.900 – 5.925 GHz	• 4.900 – 5.925 GHz	• 4.900 – 5.925 GHz	• 5.150 – 5.925 GHz	• 24.000 to 24.250 GHz (FDD)
MIMO	• 2x2:2	• 2x2:2	• 2X2 MIMO	• 2X2 MIMO	• 2X2	• 2x2:2 (4x4:4 available soon)	• Dual Polarity (one per direction)
Channel Size	• 80 MHz, 40 MHz and 20 MHz	• 80 MHz, 40 MHz and 20 MHz	• 80 MHz, 40 MHz and 20 MHz channel bandwidths	• 40 MHz and 20 MHz channel bandwidths with optional upgrade to 80 MHz	• 80 MHz, 40 MHz and 20 MHz	• 20, 40, 80 MHz	• 3.5 to 112 MHz
Throughput	• 672 Mbps @ 80 MHz • 324 Mbps @ 40 MHz • 137 Mbps @ 20 MHz	• 672 Mbps @ 80 MHz • 324 Mbps @ 40 MHz • 137 Mbps @ 20 MHz	• 672 Mbps @ 80 MHz • 324 Mbps @ 40 MHz • 137 Mbps @ 20 MHz	• 672 Mbps @ 80 MHz (with Optional Upgrade) • 324 Mbps @ 40 MHz • 137 Mbps @ 20 MHz	• License controlled to 50, 100 or 200 Mbps	• Up to 100 Mbps (license upgrade to 200 Mbps)	• 900 Mbps full duplex (1800 Mbps true aggregate)
TX Power	• Up to 28 dBm (dual chain)	• Up to 28 dBm (dual chain)	• Upto 28 dBm (Dual chain)	• Upto 28 dBm (Dual chain)	• Up to 28 dBm (dual chain)	• Up to 24 dBm (dual chain) or Up to 27 dBm (quad chain)	• From -27 to +5 dBm
Antenna	• Integrated 2x2 MIMO Beam Steering antenna: • Beam Width - 17° spanning over ± 30° sector • Receive Gain - 16 dBi (11 dBi before 5.150 GHz) • Transmit Gain - 20 dBi (11 dBi before 5.150 GHz)	• QB-10100S-EPA : Two N-type Connectors • QB-10150S-EPR: Integrated 2x2 MIMO 22dBi Dual Polarized 1 foot Panel Antenna	• QB-10150-EPL: Integrated 2x2 MIMO 28dBi Dual Polarized 2 feet Panel Antenna	• QB-10100L-EPA : Two N-type Connectors • QB-10150L-EPR: Integrated 2x2 MIMO 22dBi Dual Polarized 1 foot Panel Antenna	• Two N-type Connectors	• Integrated 2x2 MIMO 15 dBi Dual Polarized 35 degree Pannel Antenna plus Four RP-SMA Connectors (Software switch between integrated antenna and connectors)	• Integrated with the ODU (1, 2, 3 or 4 foot options)
Management	• Web GUI (admin, advanced, monitor), CLI, ProximVision Advanced	• Web GUI (admin, advanced, monitor), CLI, ProximVision Advanced	• Web GUI (admin, advanced, monitor), CLI, ProximVision Advanced	• Web GUI (admin, advanced, monitor), CLI, ProximVision Advanced	• Web GUI (admin, advanced, monitor), CLI, ProximVision Advanced	• Web GUI (admin, advanced, monitor), CLI, ProximVision Advanced, Proxim BlueConnect (android/iOS)	• Web GUI (basic IP/SNMP configuration), GX-824 Manager Program, ProximVision Advanced
Security	• AES - 128 bits, upgradeable to AES - 256 bits • Secure management (SSL/TLS, SSH, SNMPv3) • Proprietary nature of RF protocol	• AES 128 and AES 256 • Secure management (SSL/TLS, SSH, SNMPv3) • Proprietary nature of RF protocol	• AES - 128 bits • Secure management (SSL/TLS, SSH, SNMPv3) • Proprietary nature of RF protocol	• AES - 128 bits • Secure management (SSL/TLS, SSH, SNMPv3) • Proprietary nature of RF protocol	• AES - 128 bits • Secure management (SSL/TLS, SSH, SNMPv3) • Proprietary nature of RF protocol	• AES - 128 bits • Secure management (SSL/TLS, SSH, SNMPv3) • Proprietary nature of RF protocol	• AES - 256 bits
Ethernet Ports	• Two auto MDI-X RJ45 10/100/1000Mbps Ethernet (Port #1 with PoE in & Data, Port #2 with PoE out & Data)	• Two auto MDI-X RJ45 10/100/1000Mbps Ethernet (Port #1 with PoE in & Data, Port #2 with PoE out & Data)	• Two auto MDI-X RJ45 10/100/1000Mbps Ethernet (Port #1 with PoE in & Data, Port #2 with PoE out & Data)	• Two auto MDI-X RJ45 10/100/1000Mbps Ethernet (Port #1 with PoE in & Data, Port #2 with PoE out & Data)	• One auto MDI-X RJ45 10/100/1000Mbps Ethernet with 802.3af/at PoE in	• One auto MDI-X RJ45 10/100/1000Mbps Ethernet with 802.3af/at PoE in	• Two Gigabit Ethernet 1000Base-T (RJ45) Auto MDIX ports with 10k jumbo frame support • One Optic Fiber 1000Base-SX / 1000Base-LX / 1000Base-BX port
QoS	• Service flow based QoS with 32 queues and layer 2, 3 and 4 packet identification rules	• Service flow based QoS with 32 queues and layer 2, 3 and 4 packet identification rules	• Service flow based QoS with 32 queues and layer 2, 3 and 4 packet identification rules	• Service flow based QoS with 32 queues and layer 2, 3 and 4 packet identification rules	• Service flow based QoS with 32 queues and layer 2, 3 and 4 packet identification rules	• Service flow based QoS with 32 queues and layer 2, 3 and 4 packet identification rules	• 4 queues based on physical port, 802.1p tag or IP DiffServ
GPS Localization	• Requires optional GPS module					• Included (Requires optional GPS antenna)	
Humidity - IP Rating	• 100% relative humidity - IP67	• 100% relative humidity -IP67	• 100% relative humidity - IP67	• 100% relative humidity - IP67	• 100% relative humidity - IP67	• 100% relative humidity - IP67	• 100% relative humidity - IP65
Operating Temperature	• -40° to 140° Fahrenheit	• -40° to 140° Fahrenheit	• -40° to 140° Fahrenheit	• -40° to 140° Fahrenheit	• -40° to 140° Fahrenheit	• -22° to 131° Fahrenheit	• -35 to +55 °C
Certifications	• USA: FCC 90Y + 15E (UNII 15.247) • Canada: IC RSS 102 + RSS 111 + RSS 247 • Europe: RED EN 301 489-1 + EN 301-489-17 + EN 301 893 + EN 302 502	• USA: FCC 90Y + 15E (UNII 15.247)	• USA: FCC 90Y + 15E (UNII 15.247) • Canada: IC RSS 102 + RSS 111 + RSS 247 • Europe: RED EN 301 489-1 + EN 301-489-17 + EN 301 893 + EN 302 502	• USA: FCC 90Y + 15E (UNII 15.247) • Canada: IC RSS 102 + RSS 111 + RSS 247 • Europe: RED EN 301 489-1 + EN 301-489-17 + EN 301 893 + EN 302 502	• USA: FCC 90Y + 15E (UNII 15.247) • Canada: IC RSS 102 + RSS 111 + RSS 247 • Europe: RED EN 301 489-1 + EN 301-489-17 + EN 301 893 + EN 302 502	• USA: FCC 15B class B (EMC) + 15C (Bluetooth) + 15E (5 GHz radio)	• USA: FCC 15C • Canada: RSS 210
Dimensions	• QB-10250-BeamX: Dimensions: 14 x 14 x 3.40 in • Weight: 7.27 lbs	• QB-10100S-EPA: Dimensions: 9.84 x 8.66 x 2.83 in • Weight: 4.20 lbs • QB-10150S-EPR: Dimensions: 12 x 12 x 3.40 in • Weight: 5.30 lbs	• QB-10150-EPL: Dimensions: 23.62 x 23.62 x 3.85 in • Weight: 14.33 lbs	• QB-10100L-EPA: Dimensions: 9.84 x 8.66 x 2.83 in • Weight: 4.20 lbs • QB-10150L-EPR: Dimensions: 12 x 12 x 3.40 in • Weight: 5.30 lbs	• Dimensions: 5.02x8.68x2.85 in • Weight: 2.75 lbs	• Dimensions: 6.7 x 8.55 x 2.2 in • Weight: 2.73 lbs	• Dimensions: 5.2 x 10 x 11.8 in • Weight: 11.2 lbs
Product Models	• QB-10250-LKX	• QB-10100S-LNK • QB-10150S-LNK	• QB-10150-LKL	• QB-10100L-LNK • QB-10150L-LNK	• QB-10100-LNK-50 • QB-10100-LNK-100	• QB-1015-LNK	• GX-824