

	Multipoint 10250 BeamX Series	Multipoint 10100S Series	Multipoint 10100(L) Series	Multipoint 10200 CPE/CPA	Crosspoint 10100 Series	Edge 1055	Edge 1025	Edge 1035
Frequency Band	• 4.900 – 5.850 GHz	• 4.900 – 5.850 GHz	• 4.900 – 5.925 GHz	• 4.900 – 5.925 GHz	• PtMP: 4.900 – 5.925 GHz • AP: 2.400 – 2.484 GHz	• 4.900 – 5.925 GHz	• 5.150 – 5.925 GHz	• 5.150 – 5.925 GHz
MIMO	• 2x2:2	• 2x2:2	• 2X2:2	• 2X2:2	• 2x2:2	• 2x2:2	• 2x2:2, 4x4:2 and 4x4:4 ¹	• 2x2:2
Channel Size	• 80 MHz, 40 MHz and 20 MHz	• 80 MHz, 40 MHz and 20 MHz	• MP-101x0L: 40 MHz and 20 MHz channel bandwidths with optional upgrade to 80 MHz • MP-10150-SUL: 80 MHz, 40 MHz and 20 MHz channel bandwidths	• 20 MHz and 40 MHz channel bandwidths, Upgradeable to 80 MHz	• PtMP: 80,40 and 20 MHz channel bandwidths • AP: 40 MHz and 20 MHz channel bandwidths	• 5, 10, 20 and 40 MHz channel bandwidths	• 20 and 40 MHz channel bandwidths with optional upgrade to 80 MHz	• 20 and 40 MHz channel bandwidths with optional upgrade to 80 MHz
Throughput	• Up to 672 Mbps @ 80 MHz • Up to 324 Mbps @ 40 MHz • Up to 137 Mbps @ 20 MHz	• Up to 672 Mbps @ 80 MHz • Up to 324 Mbps @ 40 MHz • Up to 137 Mbps @ 20 MHz	• 672 Mbps @ 80 MHz - with Optional Upgrade (MP-101x0L) • 672 Mbps @ 80 MHz (MP-10150-SUL) • 324 Mbps @ 40 MHz • 137 Mbps @ 20 MHz	• 672 Mbps @ 80 MHz (with Optional Upgrade) • 324 Mbps @ 40 MHz • 137 Mbps @ 20 MHz	• PtMP: Up to 672 Mbps @ 80 MHz • AP: Up to 150 Mbps	• Up to 25 Mbps @ 5 MHz • Up to 50 Mbps @ 10 MHz • Up to 122 Mbps @ 20 MHz • Up to 294 Mbps @ 40 MHz	• Up to 122/240 Mbps @ 20 MHz - MIMO 2x2/4x4 • Up to 294/380 Mbps @ 40 MHz - MIMO 2x2/4x4 • Up to 380 Mbps @ 80 MHz - MIMO 2x2 (with Optional Upgrade)	• Up to 122 Mbps @ 20 MHz • Up to 294 Mbps @ 40 MHz • Up to 380 Mbps @ 80 MHz (with Optional Upgrade)
TX Power	• Up to 28 dBm (dual chain)	• Up to 28 dBm (dual chain)	• Up to 28 dBm (Dual chain)	• Up to 28 dBm (Dual chain)	• PtMP: 28 dbm • AP: 26 dbm	• Up to 24 dBm (dual chain)	• Up to 24 dBm (dual chain) or Up to 27 dBm (quad chain)	• Up to 24 dBm (dual chain)
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)	• MP-10100S-BSU/SUA: Two N-type Connectors • MP-10150S-BS9: Integrated 2x2 MIMO 16dBi Dual Polarized 90 degree Sector Antenna • MP-10150S-SUR: Integrated 2x2 MIMO 22dBi Dual Polarized 1 foot Panel Antenna	• MP-10100L-BSU/SUA: Two N-type Connectors • MP-10150L-BS9: Integrated 2x2 MIMO 16dBi Dual Polarized 90 degree Sector Antenna • MP-10150L-BS1/SUR: Integrated 2x2 MIMO 22dBi Dual Polarized 1 foot Panel Antenna • MP-10150-SUL: Integrated 2x2 MIMO 28dBi Dual Polarized 2 feet Panel Antenna	• MP-10200-CPA: Two N-type Connectors • MP-10250-CPE: Integrated 15 dBi dual polarized (H+V), panel antenna (12 dBi before 5.000 GHz and 14 dBi beyond 5.850 GHz)	• Tsunami® XP-10100-SUA unit with four N-type connectors • Tsunami® XP-10150-BS1/SUR unit with integrated 22 dBi panel antenna plus two N-type surge protected connectors	• Integrated 2x2 MIMO 15 dBi (12 dBi below 5 GHz) Dual Polarized 35 degree Panel Antenna plus two RP-SMA Connectors (Software switch between integrated antenna and connectors)	• Integrated 2x2 MIMO 15 dBi Dual Polarized 35 degree Panel Antenna plus Four RP-SMA Connectors (Software switch between integrated antenna and connectors)	• Integrated 2x2 MIMO 15 dBi Dual Polarized 35 degree Panel Antenna
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	• Web GUI (admin, advanced, monitor), CLI, ProximVision Advanced, Proxim BlueConnect (android/iOS)	• Web GUI (admin, advanced, monitor), CLI, 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, upgradeable to AES - 256 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 - 128 bits • Secure management (SSL/TLS, SSH, SNMPv3) • Proprietary nature of RF protocol
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)	• One auto MDI-X RJ45 10/100/1000Mbps Ethernet with 802.3af/at PoE in & 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	• One auto MDI-X RJ45 10/100/1000Mbps Ethernet with 802.3af/at PoE in
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	• PtMP: Service flow based QoS with 32 queues and layer 2, 3 and 4 packet identification rules • AP: WMM	• 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
Mobility		• High speed roaming up to 185 mph	• High speed roaming up to 185 mph	• High speed roaming up to 185 mph (296 km/h)	• High speed roaming up to 185 mph	• High speed roaming up to 185 mph	• High speed roaming up to 185 mph	• High speed roaming up to 185 mph
GPS Localization	• Requires optional GPS module			• 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 - IP67	• 100% relative humidity - IP67
Operating Temperature	• -40° to 60° C	• -40° to 60° C	• -40° to 60° C	• -40° to 60° C	• -40° to 60° C	• -30° to 55° C	• -30° to 55° C	• -30° 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), Canada: IC RSS 102 + RSS 111 + RSS 247, • Europe: RED EN 301 489-1 + EN 301-489-17 + EN 301 893 + EN 302 502, • Railway: EN 50155 + EN 50121 + EN 61373	• 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 • Railway: EN 50155 + EN 50121 + EN 61373	• 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 • Railway: EN 50155 + EN 50121 + EN 61373	• USA: FCC 90Y + 15C + 15E (UNII 15.247) Canada: IC RSS 102 + RSS 111 + RSS 247 • Europe: RED EN 301 489-1 + EN 301-489-17 + EN 300 328 + EN 301 893 + EN 302 502 • Railway: EN 50155 + EN 50121 + EN 61373	• USA: FCC part 15B class B (EMC), part 15E (5.2 and 5.8 GHz radio) and part 90Y (4.9 GHz radio) • EUROPE: EN 301 489-1 + EN 301 489-17	• Canada: RSS-247 issue 2, RSS-102 issue 5, ICES-003 issue 7 • Europe: RED EN 301 489-1 + EN 301 489-17 + EN 301 489-19 + EN 300 328 + EN 301 893 + EN 302 502 + EN 303 413	• Canada: RSS-247 issue 2, RSS-102 issue 5, ICES-003 issue 7 • Europe: RED EN 301 489-1 + EN 301 489-17 + EN 300 328 + EN 301 893 + EN 302 502
Dimensions	• 10250-BSX/SRX: 371 x 371 x 85 mm, 3.3 kg	• MP-10100S-BSU/SUA: 250 x 220 x 72 mm, 1.9 kg • MP-10150S-BS9: 370 x 370 x 85 mm, 3.3 kg • MP-10150S-SUR: 305 x 305 x 85 mm, 2.4 kg	• 10100L-BSU/SUA: 250 x 220 x 72 mm, 1.9 kg • 10150L-BS9: 370 x 370 x 107 mm, 3.3 kg • 10150L-BS1/SUR: 305 x 305 x 85 mm, 2.4 kg • 10150-SUL: 600 x 600 x 92 mm, 6.5 kg,	• 10250-CPE: 126x219x65.5 mm, 0.950 kg • 10200-CPA: 127.5x220.5x72.5 mm, 1.250 kg	• 10100-SUA: 250 x 220 x 72 mm, 2.3 kg • 10150-BS1/SUR: 305 x 305 x 85 mm, 2.8 kg	• 170 x 217 x 56 mm, 1.19 kg	• 170 x 217 x 56 mm, 1.24 kg	• 170 x 217 x 56 mm, 1.19 kg
Product Models	• MP-10250-BSX-WD • MP-10250-SRX-WD	• MP-10100S-BSU-WD • MP-10100S-SUA-WD • MP-10150S-BS9-WD • MP-10150S-SUR-WD	• MP-10100L-BSU-WD • MP-10100L-SUA-WD • MP-10150L-BS9-WD • MP-10150L-SUR-WD • MP-10150L-BS1-WD • MP-10150-SUL-WD	• MP-10250-CPE-WD • MP-10200-CPA-WD	• XP-10150-BS1-WD • XP-10100-SUA-WD • XP-10150-SUR-WD	• MP-1055-BS3-WD	• MP-1025-BS3-WD	• MP-1035-CPE-WD (Come in pack of 6)

*Note: the 1035 CPE is only available in a 6 unit pack,

1. 4x4 MIMO requires an external antenna and can be configured as 4x4:2 for redundancy or 4x4:4 for higher throughput or smaller channel