

#### MOTOROLA WIRELESS BROADBAND

# PTP 54500 & PTP 58500

### 5.4 and 5.8 GHz Point-to-Point Bridges



# High-Performance, Secure Wireless Ethernet Bridges

The Motorola Point-to-Point (PTP) Wireless Ethernet Bridges – PTP 500 Series – are an excellent choice when requirements call for mid-range throughput with carrier-class performance. Operating in the 5.4 and 5.8 GHz bands at Ethernet data rates up to 105 Mbps and distances up to 155 miles (250 km), the systems are designed for virtually any environment – non-line-of-sight, long-range line-of-sight and high interference, over water and open terrain, even in severe weather conditions.

Through Motorola's unique combination of technologies, PTP 500 Series bridges deliver the bandwidth, reach, security and reliability that today's businesses and government agencies require for applications such as high-speed wireless backhaul, building-to-building and campus connectivity, leased-line replacement, backbone operations, network redundancy, Voice-over-IP, video surveillance, telemedicine, distance learning, IP gaming, disaster recovery and emergency services.

With a small footprint, the light-weight PTP 500 radios are pre-configured for fast and easy installation. Typically, systems can be deployed in one or two days. Audio and graphical alignment-assistance features help you obtain maximum signal strength and throughput with ease, while the graphical user interface enables intuitive operations.

#### **Motorola Wireless Broadband**

PTP 54500 and PTP 58500 bridges are included in Motorola's comprehensive portfolio of reliable and cost-effective wireless broadband solutions that, together with our WLAN solutions, provide and extend coverage both indoors and outdoors. The Motorola Wireless Broadband portfolio offers high-speed Point-to-Point, Point-to-Multipoint, Mesh, Wi-Fi and WiMAX networks that support data, voice and video communications, enabling a broad range of fixed and mobile applications for public and private systems. With Motorola's innovative software solutions, customers can design, deploy and manage a broadband network, maximizing uptime and reliability while lowering installation costs.

## Motorola PTP 54500 Bridges 5.4 GHz Part Numbers

WB2874 Integrated Link WB2876 Lite Integrated Link WB2875 Connectorized Link WB2877 Lite Connectorized Link

### Motorola PTP 58500 Bridges 5.8 GHz Part Numbers

WB2857 Integrated Link
WB2859 Lite Integrated Link
WB2858 Connectorized Link
WB2860 Lite Connectorized Link

#### Motorola 5.4 and 5.8 GHz Point-To-Point Bridges - PTP 500 Series

Radio Technology RF band	Remarks 5.725 GHz-5.875 GHz; 5.470 GHz-5.725 GHz <sup>1</sup>	
Channel size	5.725 GHz-5.675 GHz, 5.470 GHz-5.725 GHz <sup>-</sup> Configurable to 5, 10 or 15 MHz	
Channel selection	By <i>intelligent</i> Dynamic Frequency Selection ( <i>i</i> -DFS) or manual intervention; automatic selection	
Charmer Selection	on start-up and continual adaptation to avoid interference	
Transmit power	Varies with modulation mode and settings from -18 dBm to 27 dBm	
System gain	Integrated: Varies with modulation mode; up to 167 dB using 23 dBi integrated antenna <sup>2</sup>	
<i>,</i>	Connectorized: Varies with modulation mode and antenna type <sup>2</sup>	
Receiver sensitivity	Adaptive, varying between -94 dBm and -69 dBm	
Modulation	Dynamic; adapting between BPSK single a	nd 64 QAM dual
Error correction	FEC	
Duplex scheme	Symmetric Fixed TDD; same or split frequency Tx/Rx where regulations permit	
Antenna	Integrated: Integrated flat plate 23 dBi / 8°	
	Connectorized: Can operate with a selection of separately-purchased single and dual polar	
D		ctors (check local regulations prior to purchase)
Range	Up to 155 miles (250 km)	L FIDC 107 1' 100/000 D' AEC F
Security and encryption		al FIPS-197 compliant 128/256-Bit AES Encryption
		vary by geographic location and should be confirmed
	prior to system purchase. <sup>2</sup> Gain, maximum transmit power and effective radiated power may vary based on regulatory domain	
	- Gairi, maximum transmit power and effecti	ve radiated power may vary based on regulatory domain
Ethernet Bridging & T1/E1		
Protocol	IEEE 802.3	
User data throughput	Full: Dynamically variable up to	Lite: Dynamically variable up to
osei data tirrougriput	105 Mbps at the Ethernet (aggregate):	52 Mbps at the Ethernet (aggregate):
	5 MHz Channel – Up to 35 Mbps	5 MHz Channel – Up to 17 Mbps
	10 MHz Channel – Up to 70 Mbps	10 MHz Channel – Up to 35 Mbps
	15 MHz Channel – Up to 105 Mbps	15 MHz Channel – Up to 52 Mbps
Latency	<3 ms average each direction	13 WHZ GHarmer – Op to 32 Wibps
QoS	802.1p (2 levels)	
Interface	10 / 100 / 1000 Base T (RJ-45) – auto MDI/MDIX	
	Single T1/E1 port; G703/G704, G823/G824	
T1/F1 interface	Single 11/F1 port: (1/03/01/04 (1873/01874	
T1/E1 interface	Single 11/E1 port; G/03/G/04, G823/G824	
·		
Management & Installation	1	
Management & Installation LED indicators	Power status, Ethernet link status and acti	vity
Management & Installation LED indicators	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr	
Management & Installation LED indicators System management	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pri Management Suite	vity oprietary PTP MIB; Motorola One Point Wireless
Management & Installation LED indicators System management Installation	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization
Management & Installation LED indicators System management Installation Connection	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters)
Management & Installation LED indicators System management Installation Connection	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni	vity oprietary PTP MIB; Motorola One Point Wireless  t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required
Management & Installation LED indicators System management Installation Connection	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar	vity oprietary PTP MIB; Motorola One Point Wireless  t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required
Management & Installation LED indicators System management Installation Connection Lightning protection	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni	vity oprietary PTP MIB; Motorola One Point Wireless  t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca	vity oprietary PTP MIB; Motorola One Point Wireless  t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm)
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm) h), Height 12.2" (309 mm), Depth 4.1" (105 mm)
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca	vity oprietary PTP MIB; Motorola One Point Wireless  t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm) h), Height 12.2" (309 mm), Depth 4.1" (105 mm)
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pri Management Suite Built-in audio assistance and voltage output Distance between outdoor unit and primar Built into the ODU; an external PTP Lightninear the base of the tower or wall at the case Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mm Powered Indoor Unit (PIDU Plus): Width 9.1 Integrated ODU: 11.8 lbs (5.35 kg) includin	vity oprietary PTP MIB; Motorola One Point Wireless  It for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm  1), Height 12.2" (309 mm), Depth 4.1" (105 mm)  75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca  Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mn Powered Indoor Unit (PIDU Plus): Width 9.3	vity oprietary PTP MIB; Motorola One Point Wireless  It for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm)  N, Height 12.2" (309 mm), Depth 4.1" (105 mm)  75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pri Management Suite Built-in audio assistance and voltage output Distance between outdoor unit and primar Built into the ODU; an external PTP Lightninear the base of the tower or wall at the cal Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mm Powered Indoor Unit (PIDU Plus): Width 9. Integrated ODU: 11.8 lbs (5.35 kg) includin Connectorized ODU: 10.4 lbs (4.7 kg) including	vity oprietary PTP MIB; Motorola One Point Wireless  It for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm  1), Height 12.2" (309 mm), Depth 4.1" (105 mm)  75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca  Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mn Powered Indoor Unit (PIDU Plus): Width 9.3 Integrated ODU: 11.8 lbs (5.35 kg) includin Connectorized ODU: 10.4 lbs (4.7 kg) inclu PIDU Plus: 1.9 lbs (864 g)	vity oprietary PTP MIB; Motorola One Point Wireless  It for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm)  N, Height 12.2" (309 mm), Depth 4.1" (105 mm)  75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm) n), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket ding bracket
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply Power source	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca  Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mm Powered Indoor Unit (PIDU Plus): Width 9.1 Integrated ODU: 11.8 lbs (5.35 kg) includin Connectorized ODU: 10.4 lbs (4.7 kg) inclu PIDU Plus: 1.9 lbs (864 g) 202 mph (325 kph) Integrated with Indoor Unit	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm) n), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket ding bracket
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply Power source	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca  Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mm Powered Indoor Unit (PIDU Plus): Width 9.1 Integrated ODU: 11.8 lbs (5.35 kg) includin Connectorized ODU: 10.4 lbs (4.7 kg) inclu PIDU Plus: 1.9 lbs (864 g) 202 mph (325 kph) Integrated with Indoor Unit 90–240 VAC, 50–60 Hz / 36-60V DC; redun	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm) n), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket ding bracket
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply Power source Power consumption	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pri Management Suite Built-in audio assistance and voltage output Distance between outdoor unit and primar Built into the ODU; an external PTP Lightninear the base of the tower or wall at the case  Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mn Powered Indoor Unit (PIDU Plus): Width 9.3 Integrated ODU: 11.8 lbs (5.35 kg) includin Connectorized ODU: 10.4 lbs (4.7 kg) includin PIDU Plus: 1.9 lbs (864 g) 202 mph (325 kph) Integrated with Indoor Unit 90–240 VAC, 50–60 Hz / 36-60V DC; redun 50 W max	vity oprietary PTP MIB; Motorola One Point Wireless  t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm n), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm g bracket ding bracket
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply Power source Power consumption  Environmental & Regulator	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pri Management Suite Built-in audio assistance and voltage output Distance between outdoor unit and primar Built into the ODU; an external PTP Lightninear the base of the tower or wall at the case  Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mn Powered Indoor Unit (PIDU Plus): Width 9.3 Integrated ODU: 11.8 lbs (5.35 kg) includin Connectorized ODU: 10.4 lbs (4.7 kg) includin PIDU Plus: 1.9 lbs (864 g) 202 mph (325 kph) Integrated with Indoor Unit 90–240 VAC, 50–60 Hz / 36-60V DC; redun 50 W max	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required sible entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm n), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm g bracket ding bracket  dant powering configurations supported
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply Power source Power consumption  Environmental & Regulator Operating temperature	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca  Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mn Powered Indoor Unit (PIDU Plus): Width 9.1 Integrated ODU: 11.8 lbs (5.35 kg) includin Connectorized ODU: 10.4 lbs (4.7 kg) inclu PIDU Plus: 1.9 lbs (864 g) 202 mph (325 kph) Integrated with Indoor Unit 90–240 VAC, 50–60 Hz / 36-60V DC; redun 50 W max	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm) n), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket ding bracket  dant powering configurations supported
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply Power source Power consumption  Environmental & Regulator Operating temperature Protection and safety	Power status, Ethernet link status and activate Web or SNMP v1/v2c using MIBII and a property of the Nanagement Suite Built-in audio assistance and voltage output Distance between outdoor unit and primar Built into the ODU; an external PTP Lightnine near the base of the tower or wall at the case of the tower or wall at the case of the tower of wall at the case of the tower or wall at the case	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm) n), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket ding bracket dant powering configurations supported
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply Power source Power consumption  Environmental & Regulator Operating temperature Protection and safety	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage outpu Distance between outdoor unit and primar Built into the ODU; an external PTP Lightni near the base of the tower or wall at the ca  Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mm Powered Indoor Unit (PIDU Plus): Width 9 Integrated ODU: 11.8 lbs (5.35 kg) includin Connectorized ODU: 10.4 lbs (4.7 kg) inclu PIDU Plus: 1.9 lbs (864 g) 202 mph (325 kph) Integrated with Indoor Unit 90–240 VAC, 50–60 Hz / 36-60V DC; redun 50 W max	vity oprietary PTP MIB; Motorola One Point Wireless  t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required able entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm) n), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm) g bracket ding bracket dant powering configurations supported
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply Power source Power consumption  Environmental & Regulator Operating temperature Protection and safety	Power status, Ethernet link status and activate Web or SNMP v1/v2c using MIBII and a property of the provided Power Status and voltage output Distance between outdoor unit and primar Built into the ODU; an external PTP Lightnine near the base of the tower or wall at the case of the tower or wall at the case of the tower of the provided Power Status (ODU): Width 14.5"  Connectorized ODU: Width 12.2" (309 mm Powered Indoor Unit (PIDU Plus): Width 9.1 Integrated ODU: 11.8 lbs (5.35 kg) including Connectorized ODU: 10.4 lbs (4.7 kg) including PIDU Plus: 1.9 lbs (864 g) 202 mph (325 kph) Integrated with Indoor Unit 90–240 VAC, 50–60 Hz / 36-60V DC; redun 50 W max  YY  -40°F (-40°C) to +140°F (+60°C), including UL60950; IEC60950; EN60950; CSA-C22.2 5.8 GHz: USA CFR 47 Part 15.247, Canada	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required sible entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm )), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm g bracket ding bracket  dant powering configurations supported
Management & Installation LED indicators System management Installation Connection Lightning protection  Physical Dimensions  Weight  Wind speed survival Power supply Power source Power consumption  Environmental & Regulator Operating temperature Protection and safety Radio	Power status, Ethernet link status and acti Web or SNMP v1/v2c using MIBII and a pr Management Suite Built-in audio assistance and voltage output Distance between outdoor unit and primar Built into the ODU; an external PTP Lightninear the base of the tower or wall at the case  Integrated Outdoor Unit (ODU): Width 14.5" Connectorized ODU: Width 12.2" (309 mn Powered Indoor Unit (PIDU Plus): Width 9.1 Integrated ODU: 11.8 lbs (5.35 kg) includin Connectorized ODU: 10.4 lbs (4.7 kg) including PIDU Plus: 1.9 lbs (864 g) 202 mph (325 kph) Integrated with Indoor Unit 90–240 VAC, 50–60 Hz / 36-60V DC; redun 50 W max  Y  -40°F (-40°C) to +140°F (+60°C), including UL60950; IEC60950; EN60950; CSA-C22.2 5.8 GHz: USA CFR 47 Part 15.247, Canada Eire ComReg 03/42, UK IR2007 5.4 GHz: Europe EN 301 893, Canada IC Ri	vity oprietary PTP MIB; Motorola One Point Wireless t for link optimization y network connection: up to 330 ft. (100 meters) ng Protection Unit (PTP-LPU) end device is required sible entrance point leading to the network  (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm )), Height 12.2" (309 mm), Depth 4.1" (105 mm) 75" (250 mm), Height 1.5" (40 mm), Depth 3" (80 mm g bracket ding bracket  dant powering configurations supported



Motorola, Inc., 1303 E. Algonquin Road, Schaumburg, Illinois 60196 U.S.A. • www.motorola.com/ptp