

The Telkonet iWire System™



System Component	Telkonet Gateway	Telkonet eXtender™	Telkonet iBridge™
LED Descriptions	<ul style="list-style-type: none"> • WAN — Link/Activity • LAN — Link/Activity • PLC — Link/Activity • Power 	<ul style="list-style-type: none"> • ETH — Ethernet Link/Activity • PLC — Link/Activity • Power 	<ul style="list-style-type: none"> • ETH — Ethernet Link/Activity • PLC — Link/Activity • Power •
Power Line Carrier Interface	<ul style="list-style-type: none"> • 75Ω F-type connector • Adaptive physical layer adjusts to varying channel conditions with speeds up to 14 Mbps • Network layers speeds of 7 Mbps (rate varies based on channel conditions) • Adaptive physical layer makes use of usable bandwidth • 56-bit DES security • Supports up to 1,023 Telkonet iBridges per Telkonet Gateway 	<ul style="list-style-type: none"> • 75Ω F-type connector • Adaptive physical layer adjusts to varying channel conditions with speeds up to 14 Mbps • Network layers speeds of 7 Mbps (rate varies based on channel conditions) • Adaptive physical layer makes use of usable bandwidth • 56-bit DES security • Supports up to 63 Telkonet eXtenders per Telkonet Gateway 	<ul style="list-style-type: none"> • IEC 320 AC line cord • Adaptive physical layer adjusts to varying channel conditions with speeds up to 14 Mbps • Network layers speeds of 7 Mbps (rate varies based on channel conditions) • Adaptive physical layer makes use of usable bandwidth • 56-bit DES security
WAN Interface	<ul style="list-style-type: none"> • One 10/100 base T port • Auto-MDIX (auto crossover) support 	_____	_____
LAN Interface	<ul style="list-style-type: none"> • One 10 base T port • Auto-MDIX (auto crossover) support 	_____	_____
Ethernet Interface	_____	<ul style="list-style-type: none"> • One 10 base T port • Auto-MDIX (auto crossover) support 	<ul style="list-style-type: none"> • One 10 base T port • Auto-MDIX (auto crossover) support
Ethernet Interface Cable	<ul style="list-style-type: none"> • 7 feet, RJ-45, CAT 5 cable 	<ul style="list-style-type: none"> • 7 feet, RJ-45, CAT 5 cable 	<ul style="list-style-type: none"> • 7 feet, RJ-45, CAT 5 cable
Operational Temperature	<ul style="list-style-type: none"> • 0°C to 50°C non-condensing 	<ul style="list-style-type: none"> • 0°C to 50°C non-condensing 	<ul style="list-style-type: none"> • 0°C to 50°C non-condensing
Storage Temperature	<ul style="list-style-type: none"> • -20°C to 70°C 	<ul style="list-style-type: none"> • -20°C to 70°C 	<ul style="list-style-type: none"> • -20°C to 70°C
Power/Input Rating	<ul style="list-style-type: none"> • 100–240 VAC, 0.25 amps, 50/60 Hz 	<ul style="list-style-type: none"> • 100–240 VAC, 0.25 amps, 50/60 Hz 	<ul style="list-style-type: none"> • 100–240 VAC, 0.25 amps, 50/60 Hz
Regulatory Compliance	<ul style="list-style-type: none"> • NRTL Certified (Listed) to ANSI/UL 60950-1-2006 • IEC 60950-1 • FCC Part 15 • Complies with IC: ICES-0006; en conformité avec IC: NMB-006 	<ul style="list-style-type: none"> • NRTL Certified (Listed) to ANSI/UL 60950-1-2006 • IEC 60950-1 • FCC Part 15 • Complies with IC: ICES-0006; en conformité avec IC: NMB-006 	<ul style="list-style-type: none"> • NRTL Certified (Listed) to ANSI/UL 60950-1-2006 • IEC 60950-1 • FCC Part 15 • Complies with IC: ICES-0006; en conformité avec IC: NMB-006
Physical Characteristics	<ul style="list-style-type: none"> • Length: 6.2 inches, 157mm • Width: 5.6 inches, 142mm • Height: 1.1 inches, 28mm 	<ul style="list-style-type: none"> • Length: 5.8 inches, 147mm • Width: 4.8 inches, 122mm • Height: 1.1 inches, 28mm 	<ul style="list-style-type: none"> • Length: 5.8 inches, 147mm • Width: 4.3 inches, 109mm • Height: 1.1 inches, 28mm

Ordering and Product Warranty One-year standard warranty. Extended warranty available.

Customer Service 24/7 customer service/technical assistance is available.

Note: These products are intended for use only in conjunction with Telkonet iWire System™ and are not intended for use with other electrical products.

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