

Touchstone® Telephony Modem TM602G with Integrated Battery Back-up



With millions of Touchstone Telephony Modem TM502's shipped, ARRIS is pleased to release the new TM602 as the next generation residential product family. Like the industry leading TM502 product family, the TM602 delivers two lines of carrier-grade Voice over IP (VoIP) along with High-Speed Data access. The TM602 maintains the same modem and battery form factors, but introduces two new battery options. The TM602 family offers the same product variants previously supported with the TM502 family.

Product Highlights:

Configuration:

- DOCSIS® 2.0 and PacketCable™ 1.1/1.5 compliant design
- High Speed Internet via 10/100 Base-T Ethernet (RJ-45) or USB1.1 port
- Up to two lines of carrier-grade VoIP
- Firmware compatibility with legacy Touchstone TM402 and TM502 products – one load for new and legacy ARRIS Telephony Modems
- Simplified interoperability through PacketACE™ configuration file editor
- Multiple Protocol Support: PacketCable (NCS) and Session Initiation Protocol (SIP)

Performance:

- Improved Line Card Performance over the industry leading TM502 – Greater than 20% increase in high loop current mode and 10% greater ringing voltage
- Loop Diagnostics for remote testing and troubleshooting of in-house wiring
- 1GHz Tuner – future proof toward future plant upgrades
- Toll grade, compression, and High Fidelity CODECs supported (High Fidelity supported in future firmware upgrade)

Leadership in Battery Technology

- More Battery Options – including the first and only 2-cell Li-Ion solution for up to 8-hours of standby battery hold time and a new 8-cell battery back for up to 24-hour of hold time!
- Firmware configurable battery management and reporting allows customization of operation parameters
- Boot from Battery – Operators or Subscribers can now boot the modem from a charged battery without needing AC Power.



**ARRIS Touchstone Telephony
Modem TM602G with
Integrated Battery Back-up**



Touchstone®

Telephony Modem TM602G with Integrated Battery Back-up



Ordering Information:

Part Number	Description
721057	Touchstone TM602G/NA-0 DOCSIS 2.0 / PacketCable 1.0/1.5 Compliant E-MTA Integrated 100-240 VAC, 50/60 HZ Power supply w/ 6 foot power cord with NEMA 1-15 Includes Quick Install Guide, Ethernet Cable, USB Cable, and CD-ROM with Users Guide. NO battery included
721058	Touchstone TM602G/NA-4 DOCSIS 2.0 / PacketCable 1.0/1.5 Compliant E-MTA Includes 2-cell 2.2Ahr Li-Ion Battery Pack for up to 6 hours of battery back-up Integrated 100-240 VAC, 50/60 HZ Power supply w/ 6 foot power cord with NEMA 1-15 Includes Quick Install Guide, Ethernet Cable, USB Cable, and CD-ROM with Users Guide.
721059	Touchstone TM602G/NA-8 DOCSIS 2.0 / PacketCable 1.0/1.5 Compliant E-MTA Includes 2-cell 2.4Ahr, Li-Ion Battery Pack for up to 8 hours of battery back-up Integrated 100-240 VAC, 50/60 HZ Power supply w/ 6 foot power cord with NEMA 1-15 Includes Quick Install Guide, Ethernet Cable, USB Cable, and CD-ROM with Users Guide.
722011	Touchstone TM602G/NA-12 DOCSIS 2.0 / PacketCable 1.0/1.5 Compliant E-MTA Includes 4-cell 2.2Ahr, Li-Ion Battery Pack for up to 12 hours of battery back-up Integrated 100-240 VAC, 50/60 HZ Power supply w/ 6 foot power cord with NEMA 1-15 Includes Quick Install Guide, Ethernet Cable, USB Cable, and CD-ROM with Users Guide.
721060	Touchstone TM602G/CE-0 DOCSIS 2.0 / PacketCable 1.0/1.5 Compliant E-MTA Integrated 100-240 VAC, 50/60 HZ Power supply w/ 6 foot power cord with CEE 7/16 "Euro" Power Plug Includes Quick Install Guide, Ethernet Cable, USB Cable, and CD-ROM with Users Guide. NO battery included
721061	Touchstone TM602G/CE-4 DOCSIS 2.0 / PacketCable 1.0/1.5 Compliant E-MTA Includes 2-cell 2.2Ahr, Li-Ion Battery Pack for up to 6 hours of battery back-up Integrated 100-240 VAC, 50/60 HZ Power supply w/ 6 foot power cord with CEE 7/16 "Euro" Power Plug Includes Quick Install Guide, Ethernet Cable, USB Cable, and CD-ROM with Users Guide.
721062	Touchstone TM602G/CE-8 DOCSIS 2.0 / PacketCable 1.0/1.5 Compliant E-MTA Includes 2-cell 2.4Ahr, Li-Ion Battery Pack for up to 8 hours of battery back-up Integrated 100-240 VAC, 50/60 HZ Power supply w/ 6 foot power cord with CEE 7/16 "Euro" Power Plug Includes Quick Install Guide, Ethernet Cable, USB Cable, and CD-ROM with Users Guide.
718003	Replacement 2-Cell, 2.2 Ah, Li-Ion Battery Pack for TM502G/H, TM602G/H, and TM504G/H
721944	Replacement 2-Cell, 2.4 Ah, Li-Ion Battery Pack for TM502G/H, TM602G/H, and TM504G/H
718005	Replacement 4-Cell, 4.4 Ah, Li-Ion Battery Pack for TM502G/H, TM602G/H, and TM504G/H
721192	8-Cell, 8.8 Ah, Li-Ion Battery Pack for TM602G/H and TM504G/H (Cannot be used in TM502G/H). Sold separately, no kitted TM602 option available.

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