

## Excellent Integrated System Limited

Stocking Distributor

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[Multi-Tech Systems, Inc.](#)

[MT5634IND-EU](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# MultiModem® IND



## V.92 Industrial Modem

The MultiModem® IND industrial modem is designed for rugged industrial and outdoor applications. The metal chassis and industrial-grade components allow for operation over a temperature range of -40° to +85° C and meet the reliability specifications for vibration and shock. With V.92/56K modem speeds, the MultiModem IND industrial modem provides the fastest, reliable dial-up rates for modem communication in applications under extreme temperatures and conditions.

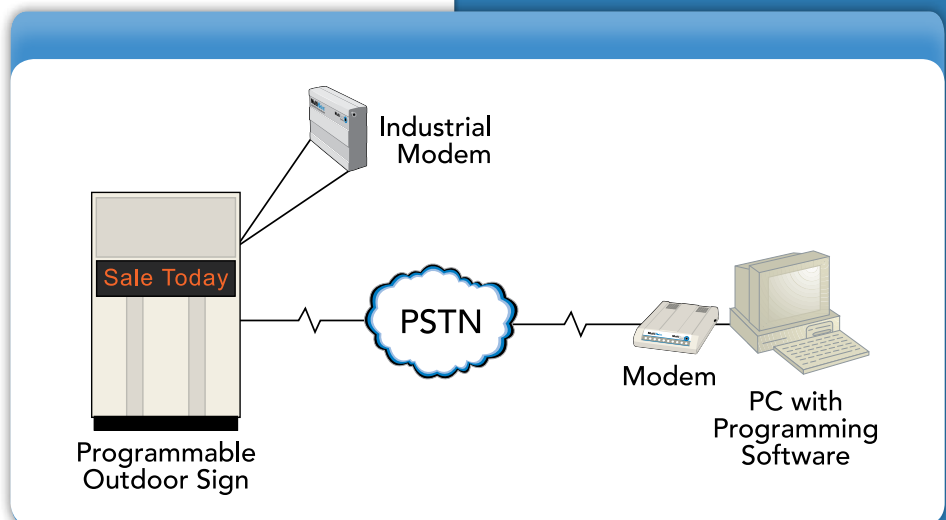
### Features

- V.92/56K download speeds and 48K upload speeds when connecting with V.92 servers
- Rugged, industrial metal chassis
- Operates over the industrial temperature range of -40° to +85° C
- GR 1089 Clause 4 lightning and AC power fault compliant
- Meets reliability specifications for vibration and shock
- Supports dial-up or 2-wire leased line operation
- V.44 compression improves data throughput rates
- Class 1.0 and Class 2.1 faxing at speeds to V.34/33.6K bps (Super G3)
- Error Correction Mode (ECM) provides fast and reliable fax transmissions
- Windows Plug-and-Play operation
- U.S. Caller ID reporting
- Remote configuration for centralized setup and control
- Callback Security for network security and reduced telephone toll charges
- Global approvals in many countries for worldwide use
- Country localization kits available with power cords, phone cords and telco adapters
- Desktop or panel mounting
- Flash memory for easy updates
- Two-year warranty



### Benefits

- Withstands extreme temperatures and conditions
- V.92/56K modem speeds
- Global approvals



## Specifications

### Rates

Data: V.92/56K downloads & 48K upload speeds from V.92 servers; V.90/56K downloads from V.90/K56flex servers; 33.6K bps transfers with other servers

Fax: 33.6K/14.4K bps

### Standards

Data: V.92, V.90, enhanced V.34 & below

Error Correction: V.42

Data Compression: V.44, V.42bis, MNP® Class 5

Fax: V.34, Class 2.1 & Class 1.0, V.17, Group 3, Class 1 & Class 2, Error Correction Mode (ECM)

### Connectors

1 RJ-11 & DB9

### Operation

Async/230.4K bps

Dial-up or 2-wire leased line

### Operating System Support

Windows 3.1x/95/98/NT/Me/2000/XP, Linux, SCO OpenServer, & others

### Power Requirements

6V to 48VDC; 155mA typical @ 9VDC, 180mA maximum @ 9VDC

### Physical Description

4.3" w x 2.4" h x 0.94" d; 4.1 oz.

(11 cm x 6.1 cm x 2.4 cm; 115 g)

### Operating Environment/Reliability

Temperature Range: -40° to +85° C

EN 60068-2-6: Vibration - 10 - 500Hz sine vibration 5g

EN 60068-2-30: Temp/Humidity Damp Heat cycling

EN 60068-2-1: Cold (-40° C)

EN 60068-2-2: Dry Heat (+85° C)

EN 60068-2-14: Change of Temperature (-40° C to +85° C)

IEC 68-2-27: Shock - 3 shocks/3mS duration 50g

### Approvals

EMC: FCC Part 15 Class B, EN 55022 Class B, EN 55024, EN 61000-6-2

Safety: UL 60950-1, EN 60950-1, GR 1089 (Clause 4 lightning & AC power fault compliant)

## Services & Warranty

Multi-Tech's comprehensive Support Services programs offer a full array of options to suit your specific needs. These services are aimed at protecting your investment, extending the life of your solution or product, and reducing total cost of ownership. Our seasoned technical experts, with an average tenure of more than 10 years, can walk you through smooth installations, troubleshoot issues and help you with configurations. Products include a 2-year warranty that can be extended up to 5 years via Multi-Tech's Extended Warranty program, which offers the convenience of Overnight Service\* for optimal uptime.

### Extended Warranty & Overnight Services

To give you peace-of-mind and protect your investment, our Extended Warranty Service Plans ensure your Multi-Tech products are covered for 1, 2, or 3 years beyond the manufacturer's warranty with an optional Overnight Service plan\*.

### Installation Support

Multi-Tech's Installation Support Service delivers priority service with the ability to work one-on-one with an experienced Multi-Tech technical support engineer, to guide you through the installation process for our products.

### Technical Support Services

At Multi-Tech, we're committed to providing you personalized attention and quality service while providing you a quick response to your product support needs. We have several options of support for you to choose from.

For additional information on Support Services as well as other service offerings, please contact your Multi-Tech representative or visit [www.multitech.com/support.go](http://www.multitech.com/support.go).

\* Overnight replacement service is currently available for U.S. customers.

### World Headquarters

Multi-Tech Systems, Inc.  
2205 Woodale Drive  
Mounds View, MN 55112 U.S.A.  
Tel: 763-785-3500  
Toll-Free: 800-328-9717  
Email: sales@multitech.com  
[www.multitech.com](http://www.multitech.com)

### EMEA Headquarters

Multi-Tech Systems (EMEA)  
Unit 1, Thames Court  
2 Richfield Avenue  
Reading, Berkshire RG1 8EQ  
United Kingdom  
Tel: +(44) 118 959 7774  
Email: sales@multitech.co.uk

## Ordering Information

Product	Description	Region
MT5634IND*	V.92 Data/Fax Industrial Modem	Global

\* Specify country when ordering.