



MICROTEX ELECTRONICS, INC.

# FR2P - FASTREADER 2

## ANSI TYPE 2 56K Zero Power Optical Probe



### SPECIFICATIONS:

HEAD	Indestructible Polycarbonate
CABLE	Superflex PV Cable & Strain Relief
CONNECTOR	Compatible with All Host Connectors
LENS	Built-IN Polycarbonate Filter
OPTICAL	880nm IR bidirectional Optical Link
DOCKING	Magnetic Adhesion – 6 Magnet
POWER	Power derived from host port < 10mA.
SIGNAL	EIA232D, V28, V32, RS232 or USB 1.1, USB 2.0 Compatible
MAX DATA	57,600 bits/second
OPERATING	-30c to +75c Temperature Range
Standards	Mil STD 810E & 801-3, IEC801-2 ESD
Compatibility	Compatible with any Electric Utility Meter supporting the ANSI C12.18 Standard protocol.

- ✓ ANSI C12.18 (1996) Standard
- ✓ **HEAVY Industrial** NOT computer grade
- ✓ Indestructible Polycarbonate Head
- ✓ Flexible High-Endurance Coiled Cord
- ✓ Strain Relief / Sealed Head
- ✓ USB 1.1, 2.0 or RS232 & EIA232D
- ✓ Zero-Power Operation

### MICROTEX ANSI TYPE 2 “FAST READER”

The **Microtex Electronics FR2P ANSI Type 2 “Fast Reader”** is the **LOW-COST** solution for reading electric utility meters with portable devices and PC Laptops. **The zero-power interface derives power completely from the handheld computer’s host port interface.** This saves the user from having to supply battery packs or provide for a “dongle cable” This product features an indestructible head, and tough Hytrel™ coiled cord connections to laptop or PC computer terminals. This unit supports the bi-directional IR interface for terminal speeds up to 57,600 bits per second.

### READS these Meters:

**ABB** – All Alpha, Alpha+, A3, ION-8400, ION-8500, ION-8600, 2430, 2550, 2560, ALR-AL  
**APTECH** – LPR1, LPR2, LPR3, SR500, TR403, TR404  
**Ametek/Scientific Columbus** – JEM-1, JEM-2, JEM-3, JEM-10, JEMSTAR  
**Itron (Schlumberger)** – Q1000, Quantum Q121, Sentinel, Centron, Vectron, Datastar. SQ400, Fulcrum, MT100, MT200  
**GE** - KV, GE-KV2, KV2-C, KM901, M90-AE, P3  
**Landis & Gyr** – S4 Family, AXS4, AXRS4, AXLS4, RXS4, RXRS4, MAXSYS family, MAXSYS 2410, MAXSYS 2510, Quad 4, SD100  
**Power Measurements** – ION 7000, 8000 series  
**PSI** – S100, S200, Quad4  
**Quadlogic** – Series 20 compatible  
**Transdata** – Mark V, EMS, SSR-6000

### ORDERING INFORMATION on Back:

### For More Information:

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 Richardson, TX 75080 U.S.A  
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 TEL: (972) 479-1011  
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# FR2P - FASTREADER 2

## Ordering Information

### FR2P - PC - XX (xx=length)

Supports all Laptops, Portables, and Personal Computers. Connector is a DB9 female. Derives power from the RS232 port so No Battery packs or “Dongle” power cables are required. Superflex straight cable comes in 6 foot (2 meter) length. Other optional custom lengths up to 100 feet are available.



### FR2P - USB - XX (xx=length)

Supports all Handhelds and laptops. USB 1.1 or USB 2.0 USB unit is supported by Microsoft Installation Server for true plug and play operation. Polycarbonate unit has Visible RX/TX LED's for visual operation of the data transfer. Superflex straight USB cable comes in 6 Foot (2 meter) length. Other optional lengths are available.

1.) Note due to limitations of the USB 2.0 specification, longer cable lengths than 15 feet are non available.

2.) 6ft cord is actually 2 meters. (78” long)



**TABLET Option1 – Mini USB 5-Pin (-M) Option**

**TABLET Option2 – Micro USB 5-pin (-E) Option**

**TABLET Option3 – USB-”C” connector (-C) Option**

**MICROTEX ELECTRONICS OFFERS A ONE-YEAR LIMITED WARRANTY ON ANY FASTREADER PRODUCT. WE ALSO OFFER MAINTENANCE PLANS AND SERVICE WHAT WE BUILD.**

For More Information:

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