

FASTREADER USB

MICROTEX ELECTRONICS, INC.

USB 2.0 Zero Power Optical Probe



SPECIFICATIONS:

Model FR2 **ANSI to 57.6K baud only**
Model FR3 * **ANSI to 57.6K baud and OPTOCOM support to 19.2K baud**

HEAD	Aluminum Alloy, Machined & Bronzed
CABLE	Coiled Superflex PV Cable & Strain Relief
CONNECTOR	Compatible with All Host Connectors
LENS	Polycarbonate Filter
OPTICAL	880nm IR bi-directional Optical Link
DOCKING	Magnetic Adhesion – 6 Magnet
POWER	Power derived from host port < 10mA.
SIGNAL	USB 1.1-12Mb/s, USB 2.0-480Mb/s
MAX DATA	up to 57,600 bits/second ANSI, 19,200 bits/second OPTOCOM
OPERATING	-30c to +70c 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 and GE OPTOCOM protocol.

- ✓ **Sunlight Filter standard**
- ✓ **Rugged Aluminum Head standard**
- ✓ **Flexible High-Endurance Coiled Cord**
- ✓ **Strain Relief / Sealed Head**
- ✓ **USB 1.1 or USB 2.0 operation**
- ✓ **Zero-Power Operation**

MICROTEX USB 2.0 “FASTREADER”

The **Microtex Electronics Fastreader USB 2.0 Optical probe** is the ideal solution for reading electric utility meters with PC laptops equipped with a USB 1.1 or USB 2.0 compliant port. The probe derives power from the USB port and does not require a separate adapter or DC power source. This product comes with a windows device driver that emulates a PC COM port for use with meter manufacturer’s windows based meter reading software. This product features an indestructible head, molded connectors, and tough Superflex Hytrel™ coiled cord connections to laptop. This unit supports the bi-directional IR interface for terminal speeds up to 57,600 bits per second in ANSI mode and 19,200 in OPTOCOM mode for the FR3 model.

READS all these Meters: (*FR3 only)

- ABB** – All Alpha, Alpha+, A3, ION-8400, ION-8500 compatible, 2430, 2550, 2560, Alpha D, Alpha T, ALT, ALR-AL
- APTECH** – LPR1, LPR2, LPR3, SR500, TR403, TR804
- Ametek/Scientific Columbus** – JEM-1, JEM-2, JEM3, JEM-10, JEMSTAR
- GE** – DR87*, T80*, T90*, T91*, TM80*, TM81*, TM91*, TRM82*, TMR92*, TMR900*, KCR901, KTC901, KM901, M90-AE, PHASE3, GE-KV, GE-KV2
- Itron** – Q1000, Quantum, Datastar, Fulcrum, MT100, MT200, Vectron
- Landis & GYR** – DX, DXR, DC, DD, DCR, GD100, DT, DG100, CTR102, CTR101, DDMS, DCRMS, LINC, TMC101, SM301, SM101, SD100
- Metricom** - C
- Power Measurements** – ION series
- PSI** – S100, S200, Quad4
- Quadlogic** – Series 20 compatible
- Siemens (L&G)**– Quad 4+, Maxsys, S4 Family, AXS4, AXRS4, AXLS4, RXS4, RXRS4
- Synergistics** – B40
- Transdata** – EMS Series

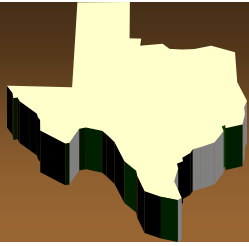
ORDERING INFORMATION on Back:

For More Information:

Microtex Electronics, INC.
 2929 N. Central Expressway, Suite 250
 Richardson, TX 75080 U.S.A
 www.microtexelectronics.com
 TEL: (972) 479-1011
 FAX: (972) 479-1015

Proudly Made in the USA





FASTREADER Product Line

MICROTEX ELECTRONICS, INC.

Ordering Information



FR2 – USB – 18

The FR2 model is an ANSI C12.18 optical probe. Supports all Laptops with USB 1.1 or USB 2.0 port. Derives power from the USB 2.0 port so no battery packs or “Dongle” power cables are required. Molded Superflex cable expands to over 6 feet. Sizes are 18” standard.



FR3 - USB - 18

The FR3 model is an ANSI C12.18 and OPTOCOM protocol optical probe. Supports all Laptops with USB 1.1 or USB 2.0 port. Derives power from the USB 2.0 port so no battery packs or “Dongle” power cables are required. Molded Superflex cable expands to over 6 feet. Sizes are 18” standard.



Cable Options:

We also support straight cables for those who prefer not to have a coiled cord.

- 1 – FRx-USB-6F – 6 foot Straight cord
- 2 – FRx-USB-10F – 10 foot Straight cord
- 3 – FRx-USB-15F – 15 foot Straight cord

* Note 1 : Due to USB 2.0 specification, and the limitations of the standard, there are no cords longer than 15 feet in length.

* Note 2: Due to the fact that USB host is supported primarily in Microsoft Windows, DOS programs cannot access the USB driver unless a Virtual PC program is installed in addition to this product.

For More Information:

Microtex Electronics, INC.
2929 N. Central Expressway, Suite 250
Richardson, TX 75080 U.S.A
www.microtexelectronics.com
TEL: (972) 479-1011
FAX: (972) 479-1015

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

Proudly Made in the USA



©2004 Microtex Electronics, Inc.. All information, specifications, and descriptions contained herein are subject to change without prior notice.