

FASTREADER Product Line

MICROTEX ELECTRONICS, INC.

ANSI TYPE 2 (56K) /OPTOCOM (19.2K) Zero Power Optical Probe



SPECIFICATIONS:

Model FR1	ANSI to 19.2K baud only
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 bidirectional Optical Link
DOCKING	Magnetic Adhesion – 6 Magnet
POWER	Power derived from host port < 10mA.
SIGNAL	EIA232D, V28, V32, TTL
MAX DATA	up to 57,600 bits/second ANSI, 19,200 bits/second OPTOCOM
OPERATING Standards	-30c to +70c Temperature Range 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**
- ✓ **RS232 & EIA232D operation**
- ✓ **Zero-Power Operation**

MICROTEX ANSI TYPE 2 “FAST READER”

The **Microtex Electronics ANSI Type 2 and OPTOCOM “Fast Reader”** is the ideal solution for reading electric utility meters with PC laptops and portable handhelds made by ITRON, DAP Technologies, PSION, RADIX, and Corvallis. This probe features full ANSI C12.18 compliance and also adds GE OPTOCOM protocol Support on the FR3 model.

The zero-power interface derives power completely from the computer’s host port interface. This product features an indestructible head, and tough Superflex Hytrel™ coiled cord connections to laptop or handheld terminals. 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.

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/Robitinton** – 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
- 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
- Schlumberger** – Q1000, Quantum, Datastar, Fulcrum, MT100, MT200, Vectron and Vectron compatible
- Siemens**– Quad 4+, Maxsys, S4 Family, AXS4, AXRS4, AXLS4, RXS4, RXRS4
- Synergistics** – B40
- Transdata** – EMS

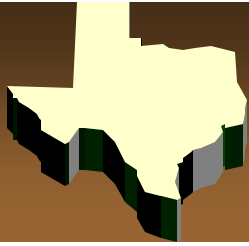
ORDERING INFORMATION on Back:

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Proudly Made in the USA





FASTREADER Product Line

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Ordering Information



FRX – PC – xx (X = model, xx=length)

FRX – USB – xx (X = model, xx=length)

Supports all Laptops, Portables, and Personal Computers. Connector is a DB9 female or USB Connection. Derives power from USB or RS232 port so No Battery packs or “Dongle” power cable is required. Superflex cable expands 5 times its length. Sizes are *18” (standard), 36”, 48”, and 64”



FRX - DAP - xx (X = model, xx=length)

Supports all Handhelds manufactured by DAP technologies. Connector to handheld is a Right angle LEMO connector. Tested on models DAP9500, DAP9800, CE5240, and CE 5320. Superflex cable expands 5 times its length. Sizes are *18” (standard), 36”, 48”, and 64”



FRX – FS – xx (X = model, xx=length)

Supports handhelds manufactured by ITRON Technologies. Connector is Amphenol type. Tested on ITRON models FS2, and FS3. Superflex cable expands 5 times its length. Sizes are *18” (standard), 36”, 48”, and 64”



FRX - G5- xx (X = model, xx=length)

Supports handhelds manufactured by ITRON technologies. Connector is G5 type. Tested on ITRON model G5. Superflex cable expands 5 times its length. Sizes are *18” (standard), 36”, 48”, and 64”

Options: ADD (-E for Euro Head), (-P for plastic head), (-S for Switchhead), (- D for DTR switch).

For More Information:

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Microtex Electronics offers a one year limited warranty on any Fastreader product. We also offer maintenance plans and service what we build.

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