MICROTEX ELECTRONICS, INC.

FR3B - FASTREADER 3

Optocom/ANSI 56K Bluetooth Optical Probe

- ✓ **ANSI C12.18 (1996) Standard**
- ✓ **Rechargeable Lithium Ion Battery**
- ✓ **Rugged Polycarbonate Head**
- ✓ **Cordless meter Reading**
- ✓ **Supports ANSI and European Meters**
- ✓ **Bluetooth 100 meter operation**
- ✓ **Electromagnetic Auto Switch**

MICROTEX OPTOCOM/ANSI TYPE 2 "BLUETOOTH FAST READER"

The **Microtex Electronics Optocom/ANSI Type 2 "Bluetooth Fast Reader"** is the ideal solution for reading electric utility meters with portable handhelds and PC laptops equipped with Bluetooth Wireless. **The probe is COMPETELY WIRELESS and needs NO WIRED CORD for operation**. This give the user a greater range of motion and be able to read the meter wirelessly up to 100 meters. This product features an indestructible head and battery operation. 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 compatible, 2430, 2550, 2560, Alpha D, Alpha T, ALT, ALR
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, KV, GE-KV2, KV2C
Landis & GYR – DX, DXR, DC, DD, DCR, GD100, DT, DG100, CTR102, CTR101, DDMS, DCRMS, LINC, TMC101, SM301, SM101, SD100, Focus
Metricom - C
Power Measurements – ION series, 6000-8000
PSI – S100, S200, Quad4
Quadlogic – Series 20 compatible
ITRON – Quantum Q1000, Datastar, Fulcrum, MT100, MT200, Vectron, Centron, Sentinel
Siemens (L&G)- Maxsys, S4 Family, AXS4, AXRS4, AXLS4, RXS4, RXRS4
Transdata – EMS Series, Mark V

ORDERING INFORMATION on Back:

SPECIFICATIONS:

HEAD	Indestructible Polycarbonate
ANTENNA	Bluetooth Compatible 2400Mhz
LENS	Polycarbonate Clear Lens
OPTICAL	880nm IR bidirectional Optical Link
DOCKING	Magnetic Adhesion – 6 Magnet
POWER	Power derived from internal battery
SIGNAL	Bluetooth Compatible
MAX DATA	57,600 bits/second
OPERATING	-20c 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. Also supports meters with Optocom protocols (GE)

Proudly Made in the USA

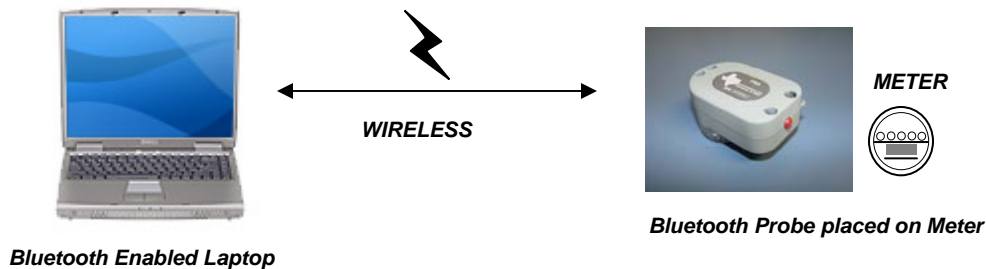### Part Number is: FR3B (for EURO, Flip Unit)

Supports all Laptops, Portables, and Handhelds. Requires the laptop or handheld be Bluetooth compatible or come equipped with a Bluetooth adapter. Derives power from internal battery so the unit is completely self-contained. When the unit is placed on a meter, a micro-switch powers the unit. The unit supports both European Meters by flipping the unit or Standard ANSI meters. Unit comes with Wall mounted 5V charger.

To Connect:

Just make sure your bluetooth adapter in your Laptop OR Handheld has the name "Bluetooth Optical Probe" in the name and the unit will Auto-Connect to your laptop or handheld during the Bluetooth device discovery mode.

Typical Applications:

Example #1: Wireless Meter Reading

WIRELESS

METER

Bluetooth Probe placed on Meter

Bluetooth Enabled Laptop

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