### SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEAD</td>
<td>Indestructable T6016 Aluminum</td>
</tr>
<tr>
<td>CABLE</td>
<td>Superflex PV Cable &amp; Strain Relief</td>
</tr>
<tr>
<td>CONNECTOR</td>
<td>Compatible with All Host Connectors</td>
</tr>
<tr>
<td>LENS</td>
<td>IR Polycarbonate Filter</td>
</tr>
<tr>
<td>OPTICAL</td>
<td>880nm IR bidirectional Optical Link</td>
</tr>
<tr>
<td>DOCKING</td>
<td>Magnetic Adhesion – 6 Magnet</td>
</tr>
<tr>
<td>POWER</td>
<td>Power derived from host port &lt; 10mA.</td>
</tr>
<tr>
<td>SIGNAL</td>
<td>EIA232D, V28, V32, TTL</td>
</tr>
<tr>
<td>MAX DATA</td>
<td>57,600 bits/second</td>
</tr>
<tr>
<td>OPERATING</td>
<td>-30c to +75c Temperature Range</td>
</tr>
<tr>
<td>Standards</td>
<td>Mil Std 810E &amp; 801-3, IEC801-2 ESD</td>
</tr>
<tr>
<td>Compatibility</td>
<td>Compatible with any Electric Utility Meter</td>
</tr>
</tbody>
</table>

- Sunlight Filter
- Rugged Aluminum Head
- Flexible High-Endurance Coiled Cord
- Strain Relief / Sealed Head
- RS232 & EIA232D operation
- Zero-Power Operation

The Microtex Electronics FR2 ANSI Type 2 “Fast Reader” is the LOW-COST solution for reading electric utility meters with portable handhelds Made by ITRON, DAP Technologies, Radix, Corvallis, PSION, 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 and more:**
- **ABB** – All Alpha, Alpha+, A3, ION-8400, ION-8500 compatible
- **Ametek/Scientific Columbus** – JEM-1, JEM-10, Jemstar compatible
- **Power Measurements** – ION 7000, 8000 series
- **Quadlogic** – Series 20 compatible
- **Itron** – Q1000, Quantum Q121, Sentinel, Centron, Vectron and compatible.
- **GE** - KV, GE-KV2, KV2-C
- **Landis&Gyr** – S4 Family, AXS4, AXRS4, AXLS4, RXS4, RXRS4, MAXSYS family, MAXSYS 2410, MAXSYS 2510, Quad 4
- **Transdata** – Mark V

**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

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FR2 - PC - XX (xx=size) (add –E for European)
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 cable expands 5 times its length. Sizes are *18” (standard), 36”, 48”, and 64”

FR2 - DAP - XX (xx=size) (add –E for European)
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”

FR2- FS -XX (xx=size) (add –E for European)
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”

FR2 - G5 - XX (xx=size) (add –E for European)
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”

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