

## **Theory of Operations**

### **The MSR Accessory**

Some ViVOtech customers wish to add the ability to read mag strip cards to their VP4800 EMV RDID/NFC readers. The MSR Accessory device includes a magnetic stripe card reader and is assembled with a standard VP4800 product to provide that additional functionality. The MSR Accessory taps the RS-232 serial line from the VP4800 to the POS terminal and transmits the magnetic stripe data to the POS terminal when a credit card is swiped through the slot. When no card data is being sent, it allows the VP4800 product to communicate with the POS terminal.