Serial Port:     2400 Baud, 8 bit, 1 start, 1 stop, no parity

*Note: DTR needs to be asserted, RTS needs to be de-asserted.*

The serial output (once enabled on the DMM) is sent approximately once per second and is formatted as a coded screen dump of the display on the screen. Coding is as follows….

| Frame Offset | Bit Values | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 0x80 | 0x40 | 0x20 | 0x10 | 0x08 | 0x04 | 0x02 | 0x01 |
| 0 | [0x2] | | | | [1] | '-' | '+' | [1] |
| 1 | [0x3] | | | | Digit 1 (1000's) | | | |
| 2 | [0x3] | | | | Digit 2 (100's) | | | |
| 3 | [0x3] | | | | Digit 3 (10s') | | | |
| 4 | [0x3] | | | | Digit 4 (1's) | | | |
| 5 | [0x2] | | | | [0x0] *(Digit 5?)* | | | |
| 6 | [0x3] | | | | [0] *(DP45?)* | DP34 | DP23 | DP12 |
| 7 | [0] | [0] | Auto | DC | AC | REL | Hold | *Beep?* |
| 8 | [0] | [0] | MAX | MIN | [0] | [0] | n | [0] |
| 9 | u | m | k | M | Beep | Diode | % | [0] |
| 10 | V | A | Ohm | [0] | Hz | F | 'C | 'F |
| 11 | Bar '-' | Bar Value | | | | | | |
| 12 | [0x0D] | | | | | | | |
| 13 | [0x0A] | | | | | | | |

Example:

Dump:0x2B 0x30 0x30 0x32 0x32 0x20 0x30 0x00 0x00 0x00 0x02 0x00 0x0D 0x0A