

Online detection of network printer

Send hex 0X1B 0X76 to printer, please use the TCP protocol destination port of 4000, (most of the data port is 9100)

Printer will return four bytes of status information, as printer status returns four bytes of data, the specific state data are as follows:

N=1: (printer status):

| Bit | Off/ On | Hex | Decimal | Function |
|-----|---------|-----|---------|--|
| 0 | Off | 00 | 0 | Not used. Fixed to Off. |
| 1 | Off | 00 | 0 | Not used. Fixed to Off. |
| 2 | Off | 04 | 4 | Drawer connector pin3 is LOW. |
| | On | 00 | 0 | Drawer connector pin3 is HIGH. |
| 3 | Off | 00 | 0 | On-line. |
| | On | 08 | 8 | Off-line. |
| 4 | On | 10 | 16 | Not used, Fixed to On. |
| 5 | Off | 00 | 0 | Cover is closed. |
| | On | 20 | 32 | Cover is open. |
| 6 | Off | 00 | 0 | Paper is being fed by the FEED button. |
| | On | 40 | 64 | Paper is not being fed by using the FEED button. |
| 7 | Off | 00 | 0 | Not used. Fixed to Off. |

N=2: (printer status):

| Bit | Off/ On | Hex | Decimal | Function |
|-----|---------|-----|---------|---------------------------|
| 0 | - | - | - | Undefined. |
| 1 | - | - | - | Undefined. |
| 2 | - | - | - | Undefined. |
| 3 | Off | 00 | 0 | No auto-cutter error. |
| | On | 08 | 8 | Auto-cutter error occurs. |

| | | | | |
|---|-----|----|----|--------------------------------|
| 4 | Off | 00 | 0 | Not used, Fixed to Off. |
| 5 | Off | 00 | 0 | No unrecoverable error. |
| | On | 20 | 32 | unrecoverable error occurs. |
| 6 | Off | 00 | 0 | No auto-recoverable error. |
| | On | 40 | 64 | Auto recoverable error occurs. |
| 7 | Off | 00 | 0 | Not used, Fixed to Off. |

N=3: (Paper sensor status):

| Bit | Off/ On | Hex | Decimal | Status for ASB |
|-----|---------|-----|---------|--|
| 0,1 | Off | 00 | 0 | Paper roll near-end sensor:paper adequate. |
| | On | 03 | 3 | Paper roll near-end sensor:paper near end. |
| 2,3 | Off | 00 | 0 | Paper roll end sensor:paper adequate. |
| | On | 0C | 12 | Paper near-end sensor: paper near end. |
| 4 | Off | 00 | 0 | Not used. Fixed to off. |
| 5,6 | - | - | - | Undefined. |
| 7 | Off | 00 | 0 | No used. Fixed to Off. |

N=4: (Paper sensor status):

| Bit | Off/ On | Hex | Decimal | Status for ASB |
|-----|---------|-----|---------|-------------------------|
| 0-3 | - | - | - | Undefined. |
| 4 | Off | 00 | 0 | Not used. Fixed to Off. |
| 5,6 | - | - | - | Undefined. |
| 7 | Off | 00 | 0 | Not used. Fixed to Off. |