

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.