

# LINSN TP205 LED Receiving Card

## TP205

V1.0

Jan 2018

### 1. Features

TP205 card is an adapter for the latest promoted products: SOM (System on Module). The function of TP205 is to transfer the gigabit signal from sending card into 100mbps signal.

TP205 has 8 ways 100mbps signal output and 8 ways 100mbps signal input; supports up to 650 thousand pixels.

TP205 works with the whole series SOM card, and supports both of the monitoring board and the function board.

### 2. Appearance

Fig.1 TP205

fIR

No

1

Features

COM1

Note

For connecting monitoring/function board output to SOM card, definition as follows ( Rx\_N, Rx\_P are differential input; Tx\_N, Tx\_P a are differential output):  
1:P1\_Rx\_N, 2:P1\_Rx\_P, 3:P1\_Tx\_N, 4:P1\_Tx\_P  
5:P2\_Rx\_N, 6:P2\_Rx\_P, 7:P2\_Tx\_N, 8:P2\_Tx\_P  
9:P3\_Rx\_N, 10:P3\_Rx\_P, 11:P3\_Tx\_N, 12:P3\_Tx\_P  
13:P4\_Rx\_N, 14:P4\_Rx\_P, 15:P4\_Tx\_N, 16:P4\_Tx\_P  
17:P5\_Tx\_P, 18:P5\_Tx\_N, 19:P5\_Rx\_P, 20:P5\_Rx\_N  
21:P6\_Tx\_P, 22:P6\_Tx\_N, 23:P6\_Rx\_P, 24:P6\_Rx\_N  
25:P7\_Tx\_P, 26:P7\_Tx\_N, 27:P7\_Rx\_P, 28:P7\_Rx\_N  
29:P8\_Tx\_P, 30:P8\_Tx\_N, 31:P8\_Rx\_P, 32:P8\_Rx\_N

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Connector for extending indicator

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5V Power Supply

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Network input/output

For connecting  
monitoring/function board

## 3. Dimensions

Fig.2 Mounting holes of TP205 (unit: mm)

## 4. Working conditions

	Average	Minimum	Maximum	Unit
Rated Voltage	4	3.3	4.8	W
Working Voltage	5	4.5	5.5	V
Working Current	0.8	0.73	0.87	A
Working Temperature		-20	70	°C
Working Humidity		0	95	%

**END**