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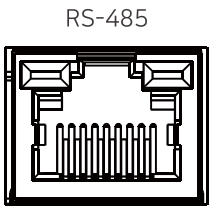## Innovation to the Core

iPulse USB-485

Features

· USB to RS-485 isolated Converter for iCore Product

· USB 1.1 & 2.0 Compatible

· 2.5KV Isolation Protection

· USB Self Powered (No External Power Needed)

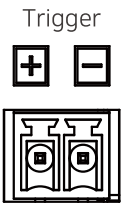· Built-in Trigger to Differential Converter (Input 3 ~ 24V)

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iPulse USB 485

Specifications

Content	Description
Standard	USB 1.1& USB 2.0
Baud Rate	9600~ 921600 bps
Driver	FTDI 232 RL IC are included in Package
Operating Temp	-40 ~ 85 ℃
Operating Humidity	5 ~ 95 %
Isolation	2.5KV

RJ45 Pinout

RS-485

Pin Number	Name	Description
1,2	N.C	Not Connected
3	RS485 Data(A) +	Non-inverting receiver input and non-inverting driver output
6	RS485 Data(B) -	Inverting receiver input and inverting driver output
4	Trigger Out RJ45 +	Trigger Out +
5	Trigger Out RJ45 -	Trigger Out -
7,8	GND Signal	Ground

Trigger Pinout

Trigger

Pin Number	Name	Description
1	Trigger In +	Trigger Input + (3 ~ 24 V 5mA, TTL or Differential Signal)
2	Trigger In -	Trigger Input - (3 ~ 24 V 5mA, TTL or Differential Signal)

Dimensions (mm)

23

44

63

Trigger   RS-485

USB