

# icore

## Innovation to the Core



# iPulse

## 2channel High power strobe controller

iCore Smart & Super High- Power Strobe Controller

### Features

- Powerful Overdrive
- LED protection when Over-driving
- Sequence mode for multi-strobing
- Constant current drive
- Fast reaction speed  $< 0.5\mu s$
- Flash duration  $< 0.5\mu s$
- Auto voltage for flexible power supply

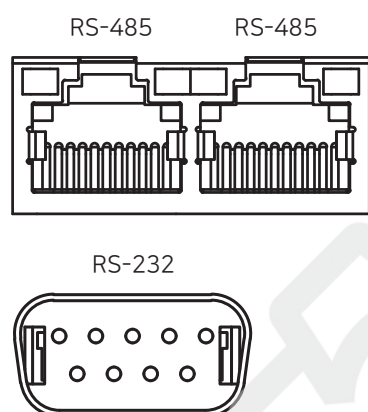
### Benefits

- Guarantee constant current & brightness
- Providing brighter images at high magnification
- Freezing motion at flying inspection
- Multi-strobing at line scan & area scan
- Increasing life-span of LED from strobing & protection tech
- Fast and accurate pulsing to reduce blurred image

## Specifications

Model	IP-2P2S-200A	IP-2P2S-200B
Interface	RS-485 & RS-232	
Drive method	Constant current	
No. of channel	2	
Min. Pulse width	0.5μs	
Max. Switching freq.	300KHz	
Max. Voltage output	48V	
Max. Current output (Continuous/Pulse)	20A / 200A	20A / 200A
Max. Power (Per Channel / Total)	250W / 500W	500W / 1000W
Application	Line scan	Line scan

## Interface Pin-map.



### RS-485 PORT PIN CONFIGURATION

3	RS485 Data(A)+	Non-inverting receiver input & driver output
6	RS485 Data(B)-	Inverting receiver input & driver output
4	Trigger Input -	Trigger input RJ45 Port -
5	Trigger Input +	Trigger input RJ45 Port +
7,8	GND	Ground

### RS-232 PORT PIN CONFIGURATION

2	RXD	Receive Data
3	TXD	Transmit Data
5	GND	Ground

## Mechanical Dimensions

