

icore

Innovation to the Core



iPulse

4 channel strobe controller

iCore Smart LED 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

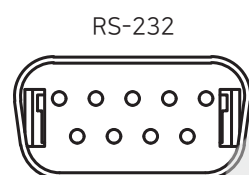
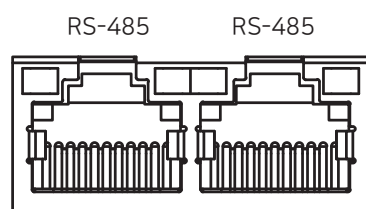
Benefits

- 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-4P4S-20A	IP-4P4S-50A	IP-4P4S-3C
Interface	RS-485 & RS-232		
Drive method	Constant current		
No. of channel	4		
Min. Pulse width	0.5μs		
Max. Switching freq.	300KHz		
Max. Voltage output	48V		
Max. Current output (Continuous/Pulse)	3A / 20A	3A / 50A	3A / 3A
Max. Power (Per Channel / Total)	75W / 300W	75W / 300W	75W / 300W
Application	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

