icore

Innovation to the Core

iPulse

Advanced flashing 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 <0.5μs

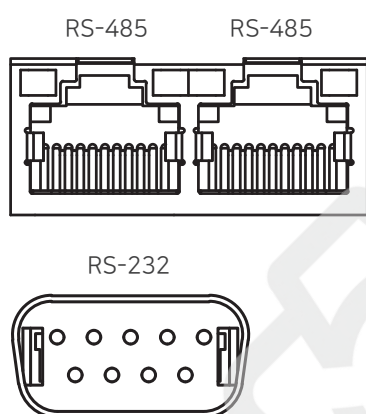· Flash duration < 0.5μs

· 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

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Specifications

Model	IP-1P1S-100A	IP-1P1S-200A	IP-1P4S-20A	IP-1P4S-50A	IP-1P4S-100A
Interface	RS-485 & RS-232				
Drive method	Constant current				
No. of channel	1	1	4	4	4
Min. Pulse width	0.5μs				
Max. Switching freq.	1KHz				
Max. Voltage output	80V				
Max. Current output (Continuous/Pulse)	5A / 100A	5A / 200A	0.2A / 20A	0.5A / 50A	1A / 100A
Max. Power (Per Channel / Total)	60W / 60W	60W / 60W	60W / 60W	60W / 60W	60W / 60W
Application	Area scan				

Interface Pin-map.

RS-485   RS-485

RS-232

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

90

50

4.5

136

145

48

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