

Digital Controller PD5/PD6

RS-232/ 100Mbps Ethernet (optional)

Four and eight channels for selection

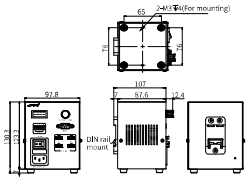
Technical specification

Model	PD5-6024-4-LS	PD5-6024-8-LS	PD5-12024-4-LS	PD5-12024-8-LS	PD5-20024-4-LS	PD5-20024-8-LS	PD5-50024-8-LSE-A
Model	PD6-6024-4-LSE	PD6-6024-8-LSE	PD6-12024-4-LSE	PD6-12024-8-LSE	PD6-20024-4-LSE	PD6-20024-8-LSE	
Lighting method	Continuous / trigger lighting						
Drive mode	Constant voltage						
Intensity control	PWM and light time control						
Input voltage/current	AC100-240V(1.5A max) 50/60Hz		AC100-240V(2.5A max) 50/60Hz		AC100-240V(3A max) 50/60Hz		AC100-240V(4A max) 50/60Hz
Channel number	4	8	4	8	4	8	8
Total output power ★1	60W Max		120W Max		200W Max		500W Max
Output voltage	DC24V						
Single-channe output ★1 current/power	2.5A(max)/ 60W		3A(max)/ 72W		3A(max)/ 72W		8.3A(max)/200W
Trigger method	External trigger						External trigger/Internal trigger
Trigger input voltage	DC5~24V						DC12~24V
Trigger response time	Rising edge<30us(max)/Falling edge<75us(max)						2us(max)
Brightness level	0~255						
Luminous time	1~999ms						
Protect & display	Digital tube displays OCP: short-circuit or over-current; restore by powering it on again						
Weight (kg)	0.66		0.80		0.85		3
Dimension (mm)	107×97.8×130.3	107×97.8×150.6	107×97.8×150.6		107×97.8×150.6		273.6×217×137
Operation	Temperature 0~40°C / humidity 20~85% RH (non-condensation)						
Storage	Temperature -20~60°C / humidity 20~85% RH (non-condensation)						
Cooling method	Natural cooling		Fan cooling		Fan cooling		Fan cooling
Material · Surface treatment	SPCC painting						
Communication	RS-232/ 100Mbps Ethernet (optional)						

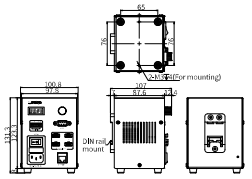
★1 When powered by AC100V-120V, the controller's power is derated to 70%

Model code description

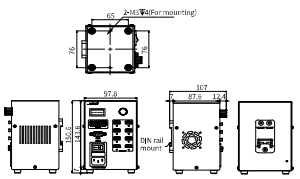
PD5	-	60	24	-	4	-	LS
Model		Power	Output voltage		Channel no.		Communication



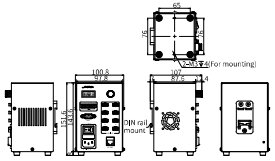
PD5-6024-4-LS



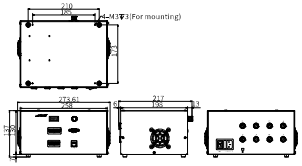
PD6-6024-4-LSE



PD5-6024-8-LS
PD5-12024-4/8-LS ★2
PD5-20024-4/8-LS



PD6-6024-8-LSE
PD6-12024-4/8-LSE ★2
PD6-20024-4/8-LSE



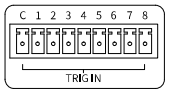
PD5-50024-8-LSE-A

★2 Channel no. subject to actual conditions

PD5/PD6-6024/12024/20024-8 Series

■ Controller external trigger definition

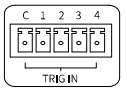
Trigger port no.	Trigger definition	
C	Trigger input common	No polarity Bidirectional input DC5-24V
1	1ch Trigger input	
2	2ch Trigger input	
3	3ch Trigger input	
4	4ch Trigger input	
5	5ch Trigger input	
6	6ch Trigger input	
7	7ch Trigger input	
8	8ch Trigger input	



PD5/PD6-6024/12024/20024-4 Series

■ Controller external trigger definition

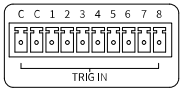
Trigger port no.	Trigger definition	
C	Trigger input common	No polarity Bidirectional input DC5-24V
1	1ch Trigger input	
2	2ch Trigger input	
3	3ch Trigger input	
4	4ch Trigger input	



PD5-50024-8-LSE-A Series

■ Controller external trigger definition

Trigger port no.	Trigger in definition	Trigger input voltage
C	Trigger input common	No polarity Bidirectional input DC12~24V
C	Trigger input common	
1	L1 Trigger input	
2	L2 Trigger input	
3	L3 Trigger input	
4	L4 Trigger input	
5	L5 Trigger input	
6	L6 Trigger input	
7	L7 Trigger input	
8	L8 Trigger input	



Trigger port no.	Trigger out definition	Trigger output voltage
N	Trigger output common (-)	Common negative DC12V
1	L1 Trigger output (+)	
2	L2 Trigger output (+)	
3	L3 Trigger output (+)	
4	L4 Trigger output (+)	
5	L5 Trigger output (+)	
6	L6 Trigger output (+)	
7	L7 Trigger output (+)	
8	L8 Trigger output (+)	

