

Model No.	DK3100I-5FP		
Interface	Fiber port	Copper RJ45 ports	
	0	5	
Ethernet	4*10/100Base-TX PoE downlink, 1*10/100Base-TX RJ45 uplink		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet IEEE 802.3at Power Over Ethernet plus PSE		
Dip Switch	1. Port Isolation 2. 250m long distance mode(1-4 ports) 3. QoS(1-2 ports) 4. PoE watchdog		
LED Indicators	P(Power indicator) <span>Green</span>	Off: the device is power off or failed	
		On: the device power on is normal	
	S(PoE usage indicator) <span>Red</span>	Off: total PoE usage < rated 50%	
		Blinking: rated 50% < total PoE usage < rated 90%	
		On: total PoE usage≥rated 90%	
	1-4(Copper ports)	<span>Green</span> indicators	<span>Yellow</span> indicators
		Off: ports link down	Off: PoE not working
		On: ports link up	On: PoE working
		Blinking: data on TX/RX	
	5 (Copper ports)	<span>Green</span> indicators	<span>Yellow</span> indicators
		Off: ports link down	Off: port speed is 10M
		On: ports link up	On: port speed is 100M
		Blinking: data on TX/RX	
Power parameters			
Input voltage	44-57VDC, redundant power input		
Input current	3A Max		
Total power consumption	Full loading without PoE ≤4W PoE power budget ≤120W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Support		
Over-voltage protection	Support		

Switching features	
Switching capacity	1G
Packet forwarding rate	0.744Mpps
MAC address table	2K
VLAN	4K
Buffer	16K
Forwarding delay	<10us
Jumbo Frame	Support 2Kbytes
MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree Topology	Support
Mechanical structure	
Case protection	IP40
Installation method	Din-rail
Dimension(W*D*H)mm	30*98*130mm
Weight	0.5 kg
Operating environment	
Operating temperature	-40°C~+75°C
Storage/transportation temperature	-40°C~+85°C
Relative humidity	5%~95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
	Surge protection of Ethernet ports: IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
	DIP: IEC 61000-4-11 Level 3 (10V)
	ESD: IEC 61000-4-2 Level 4 (8K/15K)
	Shock: IEC 60068-2-27
	Free fall: IEC 60068-2-32
	Vibration: IEC 60068-2-6

Certification	CE/FCC/RoHS
Warranty	5 years