

 			
Model		WI-PS305G-F-M12	WI-PS310G-F-M12
Hardware Specifications			
Interfaces			
Downlink Ports		4 x M12 (X-code) Gigabit PoE+ ports	8 x M12 (X-code) Gigabit PoE+ ports
Uplink Ports		1 x M12 (X-code) Gigabit port	2 x M12 (X-code) Gigabit ports with Bypass function
PoE			
PoE Port		Port 1-4	Port 1-8
PoE Standard		Port 1-4: IEEE802.3 af/at	Port 1-8: IEEE802.3 af/at
PoE Pin Assignment		1/2(+), 3/6(-)	
PoE Power		30W Max. for each port, 120W Max. for PoE power budget.	30W Max. for each port, 200W Max. for PoE power budget at 56V DC input; 90W Max. for PoE power budget at 24V DC input
Switch Property			
Standards and Protocols		IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3x Flow Control and Back Pressure IEEE 802.3af PoE IEEE 802.3at PoE+	
Forwarding Mode		Store and Forward	
Switching Capacity		10Gbps	20Gbps
Packet Forwarding Rate		7.44Mpps	14.88Mpps
MAC Address Table		2k	8K
Packet Buffer Memory		1Mbit	4.1Mbit
Jumbo Frame		9kB	
Power Supply			
Power Connector		M12 A-Coded	
Input Power		Redundant Dual DC 48V-56V Power Input	Redundant Dual DC 24V-56V Power Input
Power Consumption		Idle: 5W 100% Traffic Rate with PoE: 125W	Idle: 8.96W 100% Traffic Rate with PoE: 209W (When 56V DC input) 100% Traffic Rate with PoE: 99W (When 24V DC input)
Physical Characteristics			
LED Indicators		PWR(Green): On: The device power on is normal Off: The device is power off or failed Port 1-5: Green on: Port connected Orange on: PoE enabled Blinking: Data transmission Off: Port disconnected and PoE disabled	PWR1(Green): On: Power 1 is detected PWR2(Green): On: Power 2 is detected PoE (Orange): On: PoE enabled Off: PoE disabled Link (Green): On: Port connected Off: Port disconnected Blinking: Data transmission
Fan Quantity		Fanless	
Switch Dimension (W*D*H)		220*50*38.6mm	196*99*59mm
Package Dimension		252*85*59mm	225*112*77mm
Weight		Net Weight: 0.37kg	Net Weight: 0.89kg
		Package Weight: 0.49kg	Package Weight: 1.67kg
Installation		DIN-rail, Wall-mount	Wall-mount
Environmental			
Reliability	Surge Immunity	IEC 61000-4-5 Common mode 2kV Differential mode 1kV	
	ESD Protection	IEC 61000-4-2 Contact discharge 6kV Air discharge 8kV	
Circuit Protection		Support overload current/reserve polarity protection	
Operating Temperature		-40°C to 75°C(-40°F to 167°F)	
Operating Humidity		10%~90% RH no condensation	
Storage Temperature		-40°C to 85°C(-40°F to 176°F)	
Storage Humidity		10%~90% RH no condensation	
Certification			
Certification		CE, FCC, RoHS, UKCA, EN50155	