

TS-IV Series Interferometric thickness sensor



TS-IV Series Controller Product Parameter



(IVCS-50)



(IVCS-100)



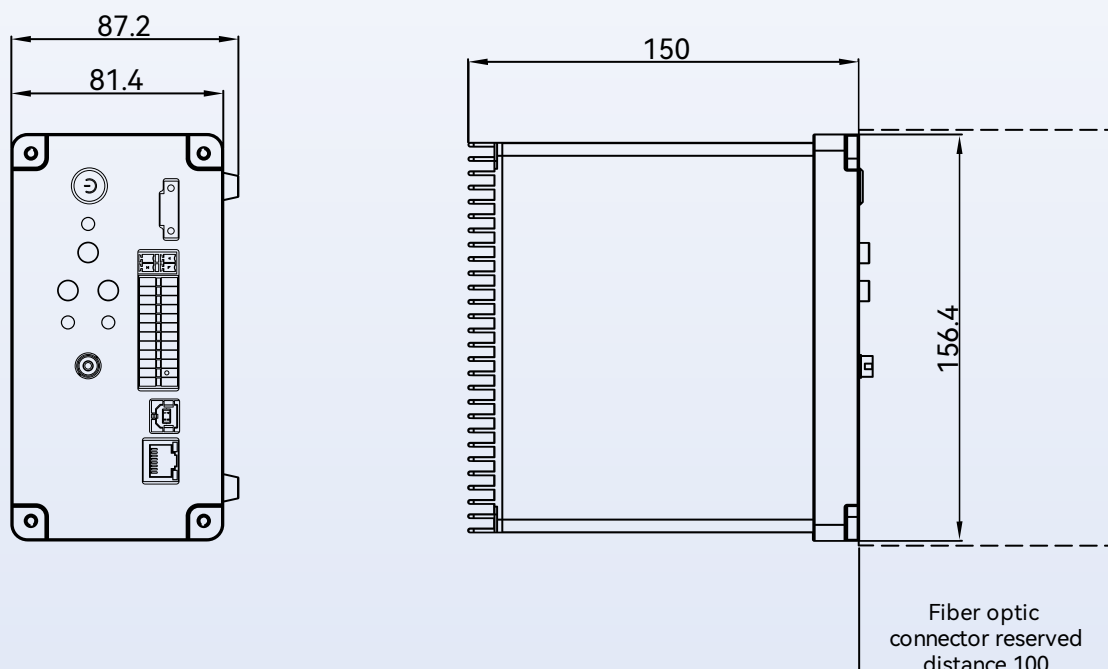
(IVCS-50W)



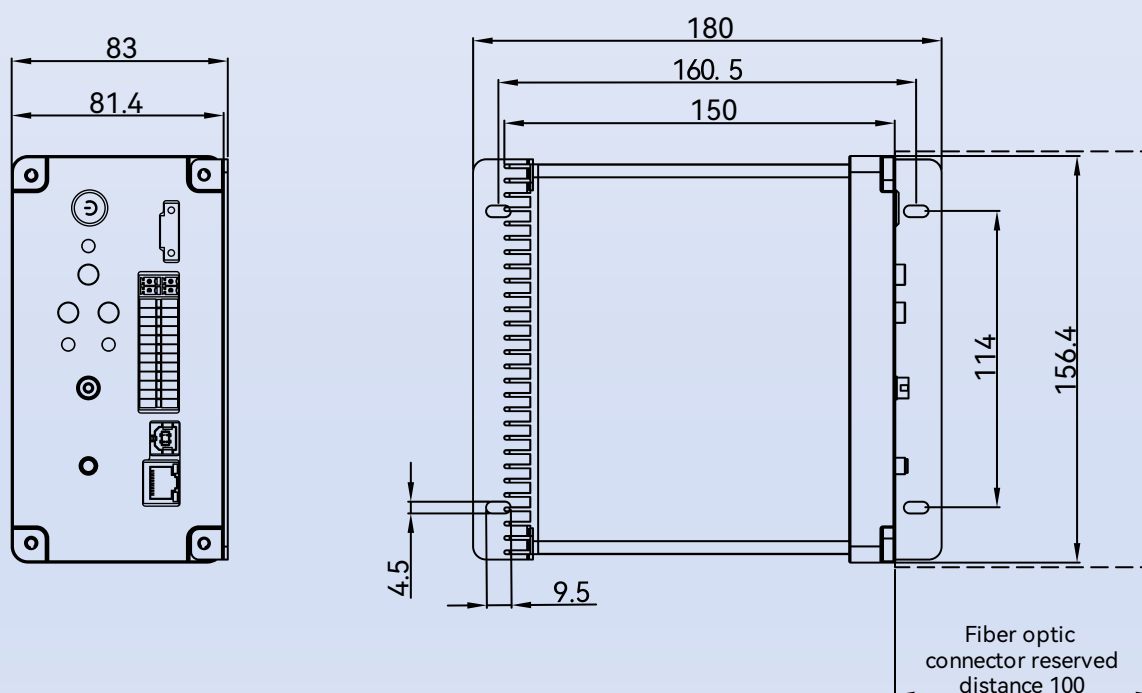
(IVCS-100W)

Series Name		IVS-100	IVS-100W	IVS-50	IVS-50W
Controller Model		IVCS-100	IVCS-100W	IVCS-50	IVCS-50W
Adapt Head Model		IVP-T50	IVP-T10-UV-VIS	IVP-T50	IVP-T10-UV-VIS
Sample Frequency		Max.10kHz			
Range of thickness measurement		Approx.2μm~100μm (Refractive index=1.5)		Approx.1μm~50μm (Refractive index=1.5)	
Input port	Encoder Input	AB / ABZ encoder input, configurable for trigger			
	Trigger Signal Input	Pulse / Level trigger			
Output port	Digital Signal Output	Alarm output, comparator output			
	Analog Signal Output	Linear0~5V/0~10V/±5V/±10V analog voltage output/4~20mA analog current output			
Industrial Interface	Ethernet	100 BASE-TX			
	USB	Complies with USB2.0 Full-speed standard			
	RS-485	Modbus protocol, 19200~115200 baud rate			
Measurement & Control Software	Host Computer Software	TSConfocalStudio measurement & control software			
	SDK	C++&C#SDK			
Rated Power	Supply Voltage	24 VDC±10%			
	Current Consumption	Approx.0.4 A			
Environmental Tolerance	Operating Temperature	0 to +50℃			
	Relative Humidity	20 to 85% RH(No condensation)			
Weight		2000g			

TS-IV Series Controller Product Dimension Drawing



(IVCS-50_100)



(IVCS-50W_100W)