

TS-C Series Chromatic Confocal Displacement Sensor



CC Series Controller Product Parameter



(CCS)



(CCD)



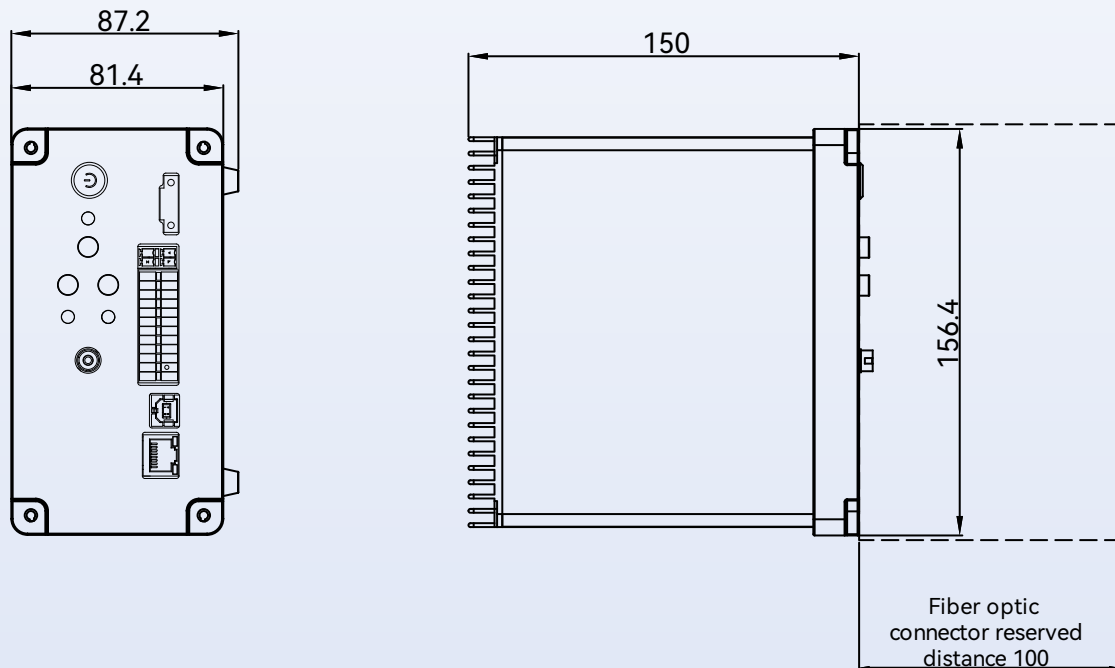
(CCF)



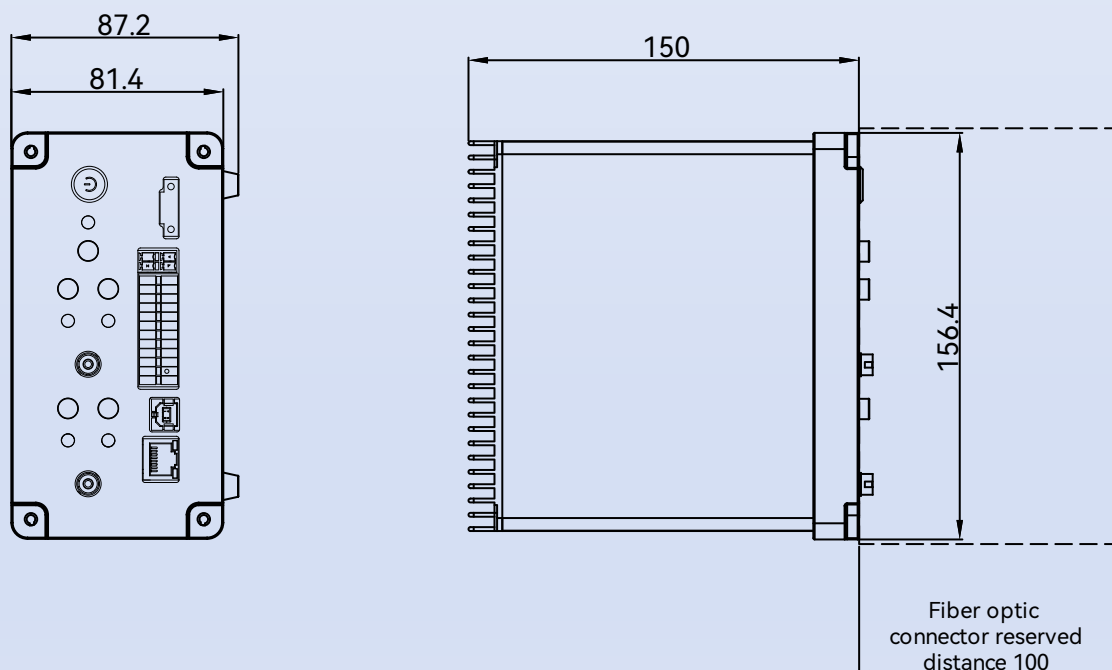
(CCH)

Model		CCS	CCD	CCF	CCH
Head Connection Capacity		1	2	4	16
Sample Frequency		1 channel: Max. 10 kHz; 2 channels: Max. 5 kHz; 4 channels: Max. 2.5 kHz			1 channel: Max. 20 kHz; 4 channels: Max. 12.5 kHz; 8 channels: Max. 8 kHz; 16 channels: Max. 4 kHz
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 (Configurable as comparator output or data invalid warning)			
	Analog Signal Output	Linear ± 10 V analog voltage output / 4~20 mA analog current output (Optional)			
Industrial Interface	Ethernet	100BASE-TX			1000/100Mbps
	USB	Complies with USB2.0 Full-speed standard			USB2.0 High-speed (480Mbps)
	RS-485	Modbus protocol, 19200~115200 baud rate			
	EtherCat	\			Optional
Measurement & Control Software	Host Computer Software	TSConfocalStudio measurement & control software			
	SDK	C++&C#SDK			
Rated Power	Supply Voltage	24 VDC $\pm 10\%$			
	Current Consumption	0.4 A			0.5A (1 channel), 4A (16 channels), recommended power supply 24V 6A or above
Environmental Tolerance	Operating Temperature	0 to +50°C			
	Relative Humidity	20 to 85% RH(No condensation)			
Weight		2000 g			2800g(Related channel number & configuration)

CC Series Controller Product Dimension Drawing

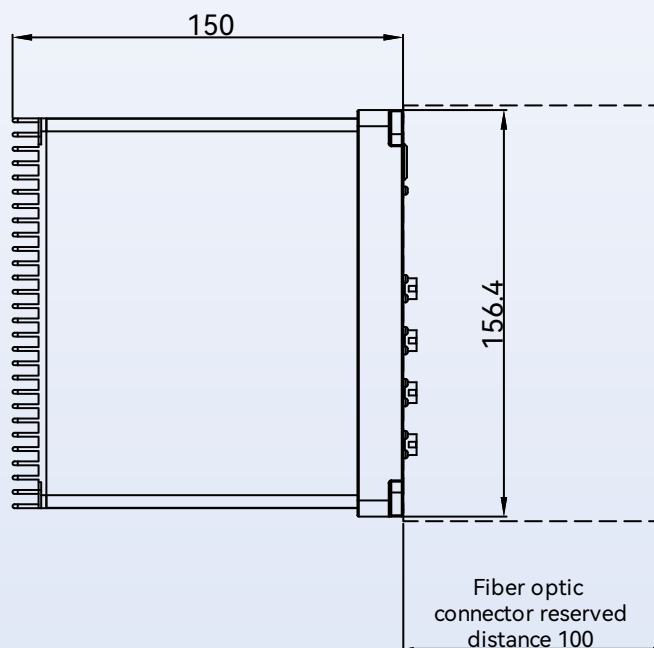
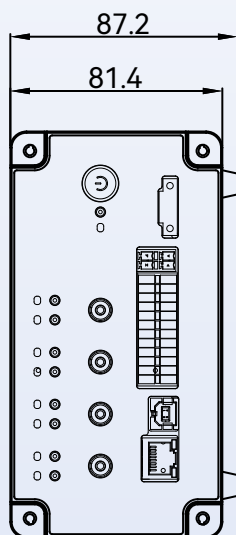


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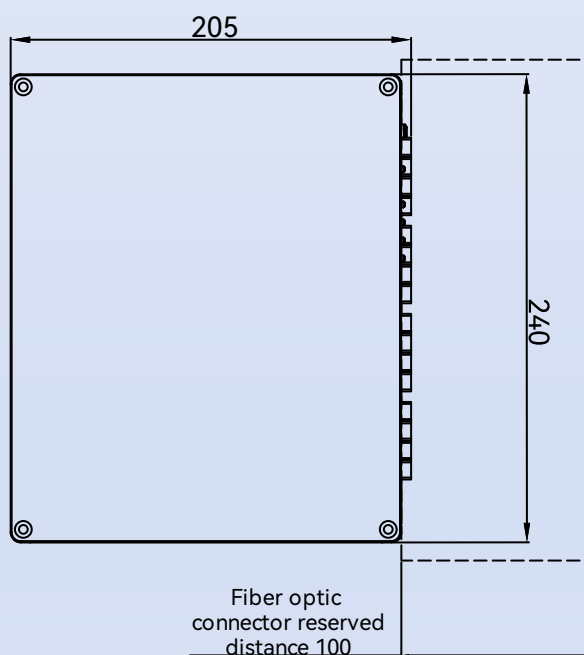
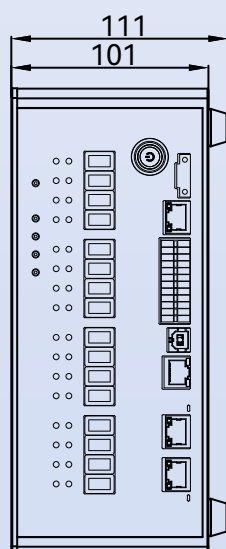


(CCD)

CC Series Controller Product Dimension Drawing



(CCF)



(CCH)