

Agasthya 2021 Series Dual Channel Controller Model BI13XX-C



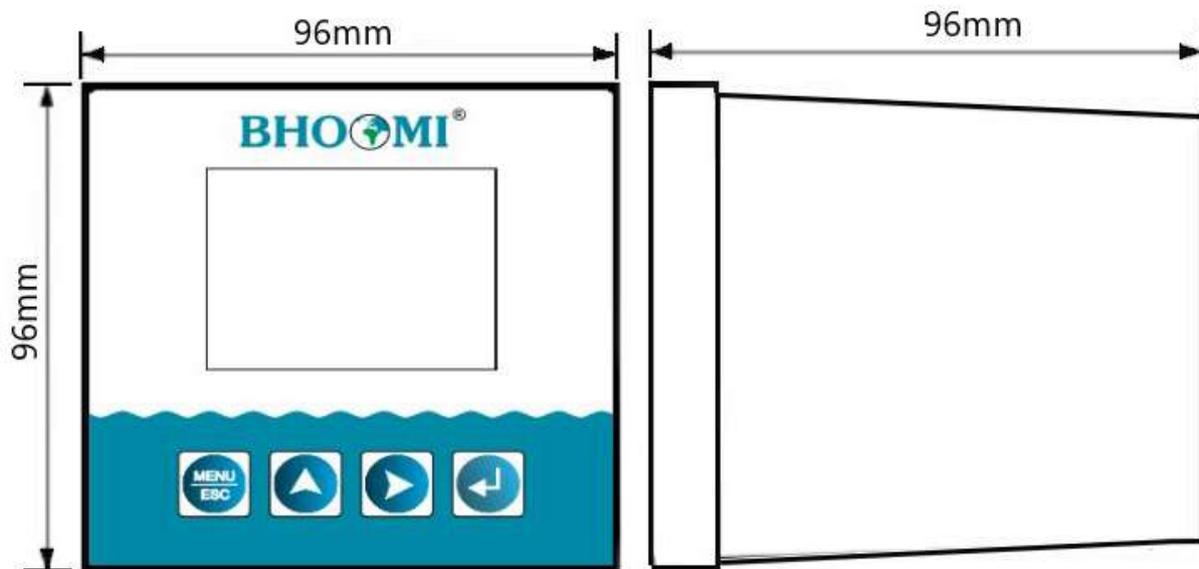
Agasthya 2021 Series Dual Channel Controller model BI 13XX is designed to measure any two different water quality parameters such as pH, ORP, Conductivity, Chlorine, Oil in Water, Dissolved Oxygen, Turbidity, Ammonia Nitrate (NH₃-N) and Total Nitrogen (TN)

Features:

- 2.4" TFT display
- Intelligent menu operation
- Multiple automatic calibration function
- Manual and automatic temperature compensation
- Four relay control switches
- High & low alarm and hysteresis control
- Two 4-20mA & RS485 output
- Password protection function to prevent misoperation by non-staff

Technical Specification:

- Display : 2.4" TFT
- Power Supply : AC - 85 - 305VAC; DC - 9 - 36 VDC
- Relay Output : One 5A-250VAC, 5A-30VDC (Customize)
- Current output : Two: 4-20mA, 20-4mA, 0-20mA
- Digital Communication : RS485 MODBUS RTU
- Dimensions : 96x96x96mm
- Mounting Type : Panel, Wall
- Enclosure : Dustproof

Dimensions Drawing:

Ordering Code

BI13XX: Instead of XX Customer need to Select any two parameters

Model No	Ordering Code Channel 1	Ordering Code Channel 2	Description
Parameter	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	pH ORP Conductivity Chlorine Oil in Water Dissolved Oxygen Turbidity Ammonia Nitrate (NH ₃ -N) and Total Nitrogen (TN)
Power Supply	AC DC	230 VAC 24 VDC	
Analog Output	0 1 2	None 4-20mA(isolated) 4-20mA (Non isolated)	
Relay Output	0 1	None One Relay	
Digital Communication	0 1	None RS485	
Mounting	P W	Panel Wall	
Area Classification	S H	Safe Hazardous	

For Example:

Model No. BI1347-AC-1-1-1-P-S

4-Chlorine and 7-Turbidity, AC-230 VAC, 1- 4-20mA (isolated), 1- One Relay,

1- RS485, P-Panel Mount, S-Safe.

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