

UC-100 Series

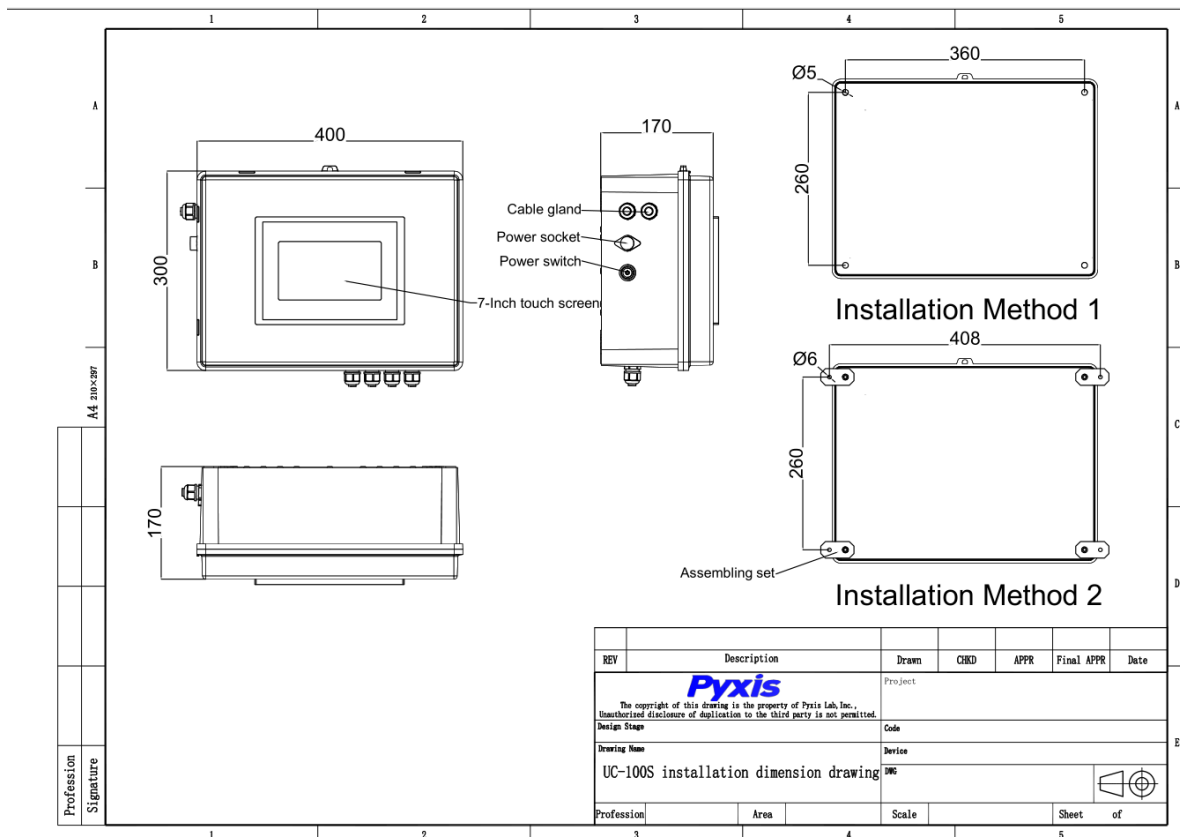
Custom Touch Screen Display and Data Logging Terminal

Specifications

The Pyxis UC-100 is a fully customizable color touch panel integrated display and data logging terminal that can connect to up to 6 Pyxis sensors via RS-485. This device requires Pyxis customized coding prior to shipment and should be purchased as a package with Pyxis sensors. When pre-programmed by Pyxis, the UC-100 provides live sensor value trend charts for each sensor input as well as sensor calibration interface while logging data for all inputs for USB download. The UC-100 also comes equipped with two extra 4-20 mA inputs that can be used to log data from non-Pyxis analog sensors. In addition, the UC-100 provides a wide array of output options including Modbus-RTU, Modbus-TCP, 2x 4-20 mA and 2x Relay outputs. With the selection of the optional UC-100 with Pyxis 4G CloudLink™ Gateway, the UC-100G is a comprehensive data gateway to cloud service and enables live mobile APP trend view, data download and reporting.



Dimensions



Specifications

Item	UC-100S	UC-100G
P/N	43047	43045
Power	110/220VAC 50/60 Hz, 30W	
Display	7inch - 4 Wire Resistance Color Touch, 800 x 400 Resolution	
Output	2 x 4-20 mA / RS-485 Modbus-RTU / Modbus TCP / 2 x Relay	
Input	2 x 4-20 mA / RS-485 Modbus / 4 x Digital	
Internet	RJ-45 socket, Modbus-TCP	
Data Storage	4G, up to 1 million data entries or events	
USB	1 x USB host, for data downloading and screen upgrade	
Dimension	15.7 inch W x 11.8 inch H x 6.7 inch D	
Weight	5 kg	
Operation Temperature	32 – 122°F	
Storage Temperature	14 – 140°F	
Humidity	10 – 90% No Condensation	
Protection	IP65	
Pyxis 4G CloudLink™	NA	Included
Bands Supported	NA	Global (B1/2/3/4/5/7/12/13/14/20/28/66/7)
Protocols supported	NA	IP/TCP/UDP/HTTP/HTTPS/Modbus
Data Server	NA	Optional Global Sim Card & AWS Cloud Service Contact - Pyxis Lab for Details

Order Information

UC-100S (UC-100 Display & Data Logging Terminal Standard Unit)

UC-100G (UC-100 Display & Data Logging Terminal with Integrated 4G Gateway)

UC-Panel (UC-50 or UC- 100 Premounting Service on Back Panel)

P/N

43047

43045

UC-Panel