



TerraCore Base Station

Novium’s TerraCore Base Station is intelligently engineered for earth-based applications delivering robust processing power and the ability to control all aspects of the TerraNova Modular Robotic System. The TerraCore Base Station performs multiple functions, converting AC wall power to DC robot power, processing data, issuing commands, and directing the flow of fluid or air to the arm. TerraCore interfaces with the TerraLink Base to supply power, data, and fluid or air to each of the modular components in the TerraNova Arm System.



FEATURES

- Seamless Integration with Terra M-Series Modules
- Real Time Data Processing
- Integrated Fluid and Air Control Valves
- Integrated Wireless E-Stop
- VAC Wall to VDC Robot Power Conversion

DESCRIPTION	UNIT	VALUE
Supply Voltage	VAC	100 to 240
Control Communication Bus		Ethernet (100BASE-TX) & WiFi
Safety Bus		Wireless E-stop
Ambient Temperature Range	°C	10 to 50
Fluid Passthrough	Qty	2
Dimension A	mm	220
Dimension B	mm	500
Dimension C	mm	560

