The TTU-2820™ uses 8 22AWG leads for its power and I/O connections. These leads are mapped as follows:

Signal Name	Description	Lead Color	Input or Output
GND	Ground	Black	Ground
VCC	Primary Power Input	Red	Power
IN-0	Ignition	White	Input
IN-1	Input 1	Blue	Input
IN-2	Input 2	Orange	Input
Out-0	Output 0	Green	Output
Out-1	Output 1	Brown	Output
Out-2	Output 2	Yellow	Output
Tx	Serial Tx	Green/Black	Output
Rx	Serial Rx	Blue/Black	Input

TTU 2820
Lights status (LED) solids = linked
Green: GPS
Orange: Cellular Communication

White

Input 0   Ignition *(if no ignition signal, must be connected to 12 volts—red wire)*

Blue

Input 1   Lift axle and Suspension

Orange

Input 2   Trailer loaded or unloaded

VCC (red)

Battery +12 volts

Fuse 2 amp

Ground (Black)

FLEET FREEDOM

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