

Quantity	This Tricorder	iPhone 14 Pro
Magnetometer	✓	✓
Accn – rot + linear + grav	✓	✓
Cardinal dirs	✓	✓
Orientation	✓	✓
speed	✓	✓
Global positioing	✓	✓
noise	✓	✓
Air pressure	✓	✓
Color	✓	✓
Object recognition	✓	✓
Lidar - dist	✓	✓
Lidar -speed	✓	✗
Wind speed	✓	✗
VIS intensity	✓	✗
IR intensity	✓	✗
UV Intensity + Index	✓	✗
Photo spectrometer	✓	✗
Ionizing rad	✓	✗

EM till 1.7GHz	✓	✗
IR camera	✓	✗
Temp	✓	✗
Rel Humid	✓	✗
Abs humid	✓	✗
Volatile OG	✓	✗
eCO2	✓	✗
Particulate matter (dust/pm25)	✓	✗
Weight	✓	✗
Thermal/IR spectrum imaging	✓	✗
Ext current	✓	✗
Ext voltage	✓	✗