



Don't get carried away.™

Introducing the world's first pocket avalanche predictor.

If you want to spend less time digging snow pits and worrying about spatial variability and more time sacking sick lines, you need the new AvyScanner by Avametrix. The AvyScanner uses sophisticated radar and artificial neural network technology to penetrate down two meters into the snow and display a profile of the snowpack, highlighting the weak layers that are likely to contribute to a human-triggered avalanche. And it fits in your pocket.

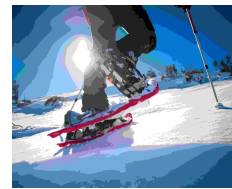
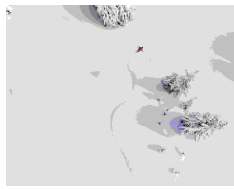
All other avalanche safety devices currently on the market are for trying to save a victim AFTER a slide has been triggered. The AvyScanner detects instability so you can AVOID an avalanche in the first place.

The AvyScanner also includes a GPS map, magnetic compass, slope angle meter, wind speed detector, air temperature sensor, activity logbook, and more.

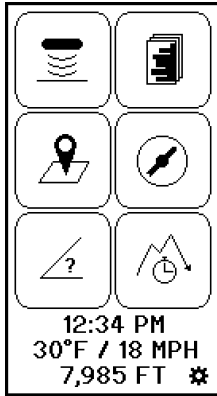
Patents pending. Available Fall 2020.

www.avametrix.com





Home Screen



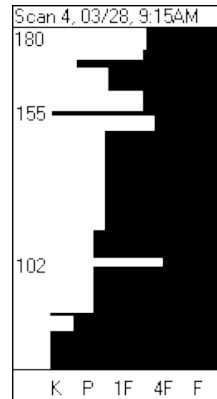
New Scan
View Scans

GPS Map
Compass

Slope Angle
Stats/Log

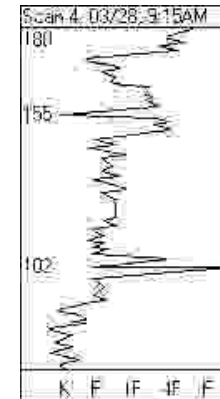
Time
Temperature/Wind
Altitude

Traditional Profile



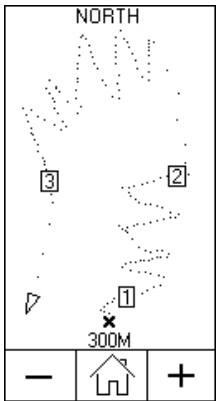
The traditional profile shows indexed layer depth and hardness. Layers of concern are highlighted with depth indication. Scan number, date, and time are shown at top. Hand hardness scale shown at bottom.

High-Fidelity Profile



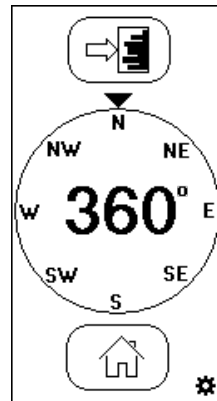
The high-fidelity profile indicates actual layer depth and hardness. Layers of concern are highlighted with depth indication. Scan number, date, and time are shown at the top. Hand hardness scale shown at the bottom.

GPS Map



The GPS map aids backcountry navigation by indicating path taken from the starting point. Scan locations are shown for reference. Adjustable dot spacing indicates speed of travel.

Magnetic Compass



The compass aids backcountry direction finding. The current compass heading can be added to the most recent scan to record slope aspect.

Slope Angle



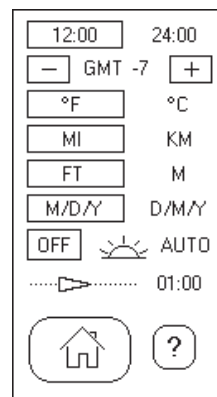
The slope angle tool measures slope and highlights avalanche angle range. Slope angle can be added to the most recent scan.

Stats / Log

TODAY		
DIST: 4:45MI		
ET: 1:12:45		
MOTION: 1:02:30		
RESTING: 0:10:15		
RUNS: 3		
FT, MI	↑	↓
ELEV	11894	9860
DIST	3.3	1.45
VERT	3467	3467
V/HR	880	4184
SPD	1.8	8.8
TIME	1:47	0:23
TEMP	31°F	23°F

The Statistics/Logbook function tracks times, runs, minimums, maximums, and totals for the day, week, month, year, and lifetime. Daily stats include a vertical profile. Units are based on user preferences.

Settings



User preferences can be set for time format, local time offset, temperature units, distance units, date format, backlight behavior, and GPS map dot spacing.

Temperature/Wind Fob



The AvyScanner includes a small, rugged fob that clips to your backpack to provide air temperature and estimated wind speed.

Specifications

Size: 5.4L x 3.3W x 0.9D (in)
138L x 84W x 24D (mm)

Weight: <8 oz / 227g

Temp Range: -30° to 100°F
-35° to 38°C

Battery: Built-in rechargeable Li-ion

Battery Life: >10 hrs. @ 32°F / 0°C

Recharge Time: <4 hr

Max Scan Depth: >6 ft. / 2 m

Min Layer Thickness: 1.2 in / 3 cm

Max Layer Count: Unlimited

Hardness Range: 0.003 to 852 Pa
F- to I on Hand
Hardness Scale