

KEY FEATURES & SPECIFICATIONS

	MINTAKA DUO \$599	MINTAKA STAR \$799
• Two independent, high-precision atmospheric pressure sensors	✓	✓
• Pressure reading and display update every 1 second and stored every 15 seconds. Pressure at synoptic times (00z plus every 06h UTC) is recorded in it's own file for quick reference	✓	✓
• Graphic pressure history display, past 30 minutes to 120 days	✓	✓
• Unique running 12-h or 24-h average pressure can be displayed to average out semi-diurnal pressure variation present in the tropics	✓	✓
• Prominent pressure trend arrows provide visual warning of significant change in barometric pressure	✓	✓
• Unique GPS Summary Screen provides date, time, position, course, speed, pressure, tendency, & WMO/NWS Pressure Tendency Characteristic Code on one screen		✓
• Set instrument date & time from highly accurate GPS network		✓
• WiFi (standalone or using existing network)		✓
• Web browser access from computer, tablet or smart phone		✓
• Store network credentials for favorite WiFi networks		✓
• USB command line access	✓	✓
• Telnet command line access		✓
• Pressure units include: mb, hPa, kPa, in Hg, in H2O, cm H2O	✓	✓
• Choose between station or sea-level pressure display	✓	✓
• Accuracy of <1 mb over full range of atmospheric pressures and temperatures at any elevation	✓	✓
• Long-term drift <1 mb / yr	✓	✓
• Portable or fixed location operation	✓	✓
• Power: accepts USB and 12 V DC input; mini-USB cable and a 120-V-AC to 12V-DC adapter is included	✓	✓
• MintakaCommander (Mac & PC): export & analyze data, provide additional functions, firmware updates, integration with other systems	✓	✓
• Made in the USA	✓	✓
<i>Automatically stored with each pressure reading:</i>		
• Date & Time (high precision real-time clock)	✓	✓
• Running Average (12-h or 24-h average pressure)	✓	✓
• Tendency (pressure change over last 3 hours)	✓	✓
• WMO/NWS Pressure Tendency Characteristic Code	✓	✓
• GPS latitude/longitude position, altitude, course and speed		✓
<i>Integration Support:</i>		
• NMEA compliant pressure sentences (\$WXMDA, \$WXXDR)	✓	✓
• NMEA compliant GPS sentences (\$GPGGA, \$GPGLL, \$GPGSA, \$GPGSV, \$GPRMC, \$GPVTG)		✓
• TurboWin+ integration for weather service Voluntary Observing Ship programs	✓	✓