

Juno GPS Handheld with Voice Capability

Trimble has introduced the Trimble Juno SD handheld, an addition to the pocket-sized Juno series of durable, lightweight field computing devices with integrated Global Positioning System (GPS) technology. All Juno series models include integrated GPS, wireless LAN (Wi-Fi) and Bluetooth connectivity, a 3MP camera, a 533MHz processor, 128MB of onboard memory, a MicroSD/SDHC memory card slot, an all-day battery and a 3.5 inch display. The Juno SD handheld builds on this core functionality with the addition of integrated 3.5G High-Speed Downlink Packet Access (HSDPA) cellular SMS and voice capability.

Using the data transmission capabilities of the Juno SD handheld, mobile workers can access information in the field such as work-orders, map data, reference files, emails, and Internet resources without making a trip to the office. Mobile workers can also update mission critical information in real time that can lead to increased overall data accuracy and productivity. With the Juno SD handheld, users can now keep in contact using the new cellular voice capabilities, enabling users to call the office for the next job, provide live updates from the field, or make a call in case of an emergency. As a result, the Juno SD handheld eliminates the need to carry a separate mobile phone.

Juno series handheld users can achieve 2 to 5 metre GPS positioning accuracy in real-time with Satellite Based Augmentation Systems (SBAS) such as the US Wide Area Augmentation System (WAAS), European Geostationary Navigation Overlay System (EGNOS), and Japan's Multi-Functional Satellite Augmentation System (MSAS). When higher accuracy is required to meet company or regulatory standards, field data collected with Juno series handhelds can be postprocessed with office software such as Trimble GPS Pathfinder Office or Trimble GPS Analyst ESRI extension that includes Trimble DeltaPhase technology to achieve 1 to 3 metre accuracy.

A range of optional accessories are available for the Juno series handhelds. The OtterBox Defender Series case provides additional protection through a hi-impact hard polycarbonate shell wrapped in a silicone skin for absorbing bumps and shocks. The vehicle mount, in conjunction with Trimble TerraSync field software and navigation software such as ALK's CoPilot Professional, provides a complete and productive in-car navigation and data collection solution.

The Juno SD handheld is available in 10 languages for worldwide users and is fully compatible with Trimble's range of Mapping & GIS field and office software. Powered by Microsoft Windows Mobile operating system, Juno users have access to personal productivity tools such as Word Mobile, Excel Mobile, Internet Explorer Mobile, and Outlook Mobile, allowing a seamless exchange of data between the field and office.