

CN4 – BRIEF DESCRIPTION

The CN4 is a data and voice enabled wireless battery-operated ruggedized PDA-style device using the Microsoft Windows Mobile operating system with integrated processor, memory, display with touch screen and data capture. The CN4 is available in four versions; standard and extended body styles, each with a choice of numeric or QWERTY keypads. It is designed for rough handling and features hardened, sealed caseworks for operating in most outdoor environments. Data capture features include an area imager for barcode reading and document imaging, or a color camera for photography. The CN4 delivers WWAN data and voice connectivity for the UMTS (HSDPA and HSUPA) and GSM/GPRS/EDGE protocols, Bluetooth and 802.11b/g connectivity and GPS position location in a single handheld package. Wireless interconnectivity includes the following functionality associated with:

- Quad-band UMTS (WCDMA, HSDPA, and/or HSUPA):
 - Cellular band: Band V: 869 to 894 MHz reception; 824 to 849 MHz transmission
 - AWS band: Band IV: 1710-1755 MHz transmission; 2110 to 2155 MHz reception
 - PCS band: Band II: 1930 to 1990 MHz reception; 1850 to 1910 MHz transmission
 - IMT band: Band I: 2110 to 2170 MHz reception; 1920 to 1980 MHz transmission

- Quad-band GSM (GSM, GPRS, and/or EDGE):
 - GSM850 band: 869 to 894 MHz reception; 824 to 849 MHz transmission
 - GSM900 band: 925 to 960 MHz reception; 880 to 915 MHz transmission
 - GSM1800 band: 1805 to 1880 MHz reception; 1710 to 1785 MHz transmission
 - GSM1900 band: 1930 to 1990 MHz reception; 1850 to 1910 MHz transmission

- WLAN 802.11b/g ISM Band: 2400 MHz to 2500MHz

- Bluetooth 802.15 ISM band: 2400 MHz to 2500MHz

- GPS reception centered at 1575.42 MHz (GPS L1 band)