

Maximum Mobility in Your Hand CW31

- Versatile Data Capture: 1D or 2D Scanner/3M Camera/ UHF or HF RFID
- Superior Durability: IP65 & Withstanding 1.8 meter drops
- Flexible Connectivity: WiFi/Bluetooth/HSDPA/GPS
- Optional Configuration: VGA/QWERTY Keypad



CATCHWELL

CATCHWELL CW31 SPECIFICATIONS

PHYSICAL AND ENVIRONMENTAL CHARACTERISTICS

DIMENSIONS	78 x 163 x 36mm (W x H x D)
WEIGHT	363g / 607g (Including UHF Gun)
KEYBOARD	Numeric (38 Key) or QWERTY (53 Key) Options
DISPLAY	3.5 inch Color TFT LCD, QVGA or VGA (Optional)
BATTERY	Rechargeable Lithium Ion 3.7V 4,000mAh
BACKUP BATTERY	Internal Backup Battery for Hot-Swap Function, Li-polymer 150mAh
AUDIO	Loud Speaker (Back) & Receiver (Front), MIC, 3.5Ø Headset Jack
I/O PORTS	USB 2.0 Client, RS-232C or Ethernet (via Cradle)

PERFORMANCE CHARACTERISTICS

CPU	PXA 320 806MHz (Marvell)
OS	Windows Mobile 6.5 or Windows CE 5.0
MEMORY	512MB RAM, 1G NAND Flash
EXPANSION	Micro SD (Maximum 32GB) / USIM / SAM Slot

USER ENVIRONMENT

OPERATING TEMP.	-20°C to +50°C (-4°F to +122°F)
STORAGE TEMP.	-30°C to +70°C (-22°F to +158°F)
HUMIDITY	93% at +50°C (122°F), Non-Condensing
DROP	1.8m (6 ft) Drop to Concrete per MIL-STD-810G
IP RATING	IP65 per IEC Sealing Specifications
ESD	12KV Air / 8KV Touch

WIRELESS CONNECTIVITY

WLAN	IEEE 802.11 a/b/g/n with CCX v4 ('a' support is optional)
WPAN	Bluetooth v2.1 +EDR Class 2
WWAN	GSM/GPRS/EDGE (850/900/1800/1900 MHz) UMTS/HSPA+ (800/850/900/1700/1900/2100 MHz)
GPS	Embedded GPS

DATA CAPTURE

BARCODE SCANNER	1D Laser or 2D Imager
DIGITAL CAMERA	3 Mega Pixel Auto Focus Camera with LED Flash
HF RFID	ISO14443 A/B (MIFARE, Calypso), ISO 15693
UHF RFID	Frequency: 840~960 MHz Protocol: EPCglobal UHF Class1 Gen2 / ISO 18000-6C RF Output: 1W EIRP Range: Up to 6 Meters(Depending on Tag & Environment) Anti-collision Feature Supported Additional Battery(2,600mAh) Only for UHF Function

ACCESSORIES

STANDARD	LCD Protection Film, Stylus, Hand Belt, Travel Adaptor, Data Cable
OPTIONAL	1 Slot/4 Slot Cradle, Gun Trigger, SNAP-ON IO, Leather Case, etc.

