

Ridgeline W200

GLACIER
COMPUTER
Ridgeline Series

Rugged Mobile Computing Solutions



Wearable computer for maximum flexibility & efficiency

Wide range of data collection and connectivity options in an ergonomic form factor.

The W200 Wearable Computer is a powerful computing device designed to be attached comfortably to the user's wrist for hands-free operation. Since the W200 is attached to the operator, the likelihood of dropping or losing the device is greatly reduced. The W200 is of special interest to logistics, emergency services, security, defense, healthcare, maintenance and any area where hands-free access to large amounts of information or data capture is necessary.

The W200 can be quickly configured to access a remote host system through its integrated wired or wireless interfaces using either Linux or Windows CE operating systems. The device integrates the latest and most innovative power saving features such as a tilt and dead reckoning system which detects the position of the user's arm and sets the system to standby mode when the arm is hanging down beside the body.

When the W200 is combined with our 1D or 2D ring scanners, the result is an extremely efficient data capture solution that provides faster scanning and is always "on-hand".

- WINDOWS CE 6.0 OR LINUX
- ERGONOMIC DESIGN
- INTEGRATED BLUETOOTH AND IEEE 802.11 B/G
- TILT & DEAD RECKONING SYSTEM
- MULTIPLE INPUTS/OUTPUTS
- 320X240 (1/4 VGA) HIGH VISIBILITY 65K COLOR DISPLAY W/ TOUCH SCREEN & AUTO CONTRAST ADJUST
- 11 KEYS WITH BACKLIGHTING
- HIGH PERFORMANCE CPU
- MEMORY SYSTEM: 128MB FLASH AND 128MB RAM
- ENHANCED POWER MANAGEMENT
- GPS
- 1D OR 2D BARCODE RING SCANNER (OPTIONAL)



TOUCHSCREEN



WIRELESS CONNECTIVITY



GPS



POWER MANAGEMENT SYSTEM

Ridgeline W200 WEARABLE SPECIFICATIONS

Processor

PXA270@400MHz

Memory

128MB RAM - 128MB Non Volatile Flash

Display

320x240 pixels (1/4 VGA) 65K Color 3.5" TFT with Touch Screen. Automatic contrast adjust via ambient light sensor

LED

1 Power On / Charge LED

1 WLAN Activity LED

1 WPAN Activity LED

Audio

Integrated

Input/Output

1 USB Client

1 USB Host

Audio Jack In/Out

WPAN

Bluetooth Class 2 v1.2 (up to 10 meters)

WLAN

Integrated IEEE 802.11 b/g with internal antenna

WWAN

External via Bluetooth

GPS

Integrated receiver (SIRFstarIII) and antenna

Expansion Slots

1 user accessible Mini SD

Keyboard

11 keys – with backlighting

Power

3.6 V 2200mAh Li-Ion Interchangeable Battery Pack

Advanced Power Management Features (patented)

Battery Charging

External universal power supply

Multiple battery charger

USB cable connected to a PC

Via car cigarette lighter power supply

Pen Device

Integrated stylus connected to the device

Operating System

Windows CE 6.0

Linux based on Kernel 2.6

Regulatory Approvals

USA/CANADA - R&TTE



W200 Wearable Computer



Top and Back View



Wearable Area Imager Scanner

ENVIRONMENTAL SPECS

Operating Temperature:

-10°/+50°C

14° to 122°F

Storage Temperature:

-20°C to +50°C

-4° to 122°F

Humidity:

95% relative humidity non condensing

Environmental:

Water resistant

Weight:

290 grams/10.2 oz (battery included)

Specifications subject to change



Glacier Computer, LLC

10 Northern Blvd., Amherst, NH 03031 Tele: 603-882-1560

www.glaciercomputer.com