

EXTREME RUGGED
PORTABLE COMPUTING

MaxVision®



BPAC™



Intel, the Intel logo, Intel Atom and Intel Atom Inside are trademarks of Intel Corporation in the U.S. and other countries.

Handheld Rugged Computer with Built in Biometrics

Feature rich, fully functional, no-compromise rugged Ultra Mobile Personal Computer for every industry. MaxVision's BPac uses a rugged aluminum package that fits in a BDU pant pocket and can collect and process biometric and other relevant in-the-field information. The BPac includes: a 5.6" sunlight readable touch screen LCD, FIPS 201.1 compliant fingerprint scanner, Iris camera with IR illuminator, face/barcode/video camera, GPS, IEEE 802.11 b & g, choice of 3G cellular radio (GSM or CDMA), digital voice recorder, and easy to use biometric software or SDK support for porting users own application in Windows. **All in a handheld package weighting approximately 3.5 lbs.**

Optional: Appendix F Certified Two Finger Print Scanner and Contact/Contactless Smart Card Reader.

FBI CERTIFIED: "BPac 8000 mobile single finger capture device, incorporating the Futronics FS99 at 500ppi, when used in image transmission mode (PIV-071006 Mobile ID SAP 10) EBTS Appendix F Mobile ID SAP 10 using Personal Identity Verification (PIV) Single Finger Capture Device Specifications."



MaxVision®



Rugged Ultra-Mobile PC Biometric Data Collection



IP67 Sealed (Water resistant up to 3.3ft for up to 30 minutes).



Optional Appendix F certified 2 finger print scanner docking station.



Optional contact / contactless SMART card reader.

COMPONENT SPECIFICATIONS

Form-factor	Rugged Handheld Ultra-Mobile PC (UMPC)
OS	Windows XP Professional / Windows 7
Processor	Intel Atom N270
CPU Speed	1.6GHz
Standard/Max RAM	2GB DDR2
Disk/drive	64GB up to 256GB SSD
Display Type	LED Sunlight-Readable TFT
Display Size/Res	5.6-inch/WXGA (1280x800 pixel) Sunlight-Readable
Digitizer/Pens	Mutual Capacitive Multi-Touch Screen
Keyboard/Scale	On screen (Optional External via USB)
Size (WxHxD)	6.8" x 4.5" x 2.1"
Weight	3.45lbs. with standard battery
Interface	Built in Digital Microphone & Speaker, Dock-Block connected through IP-67 connector provides, 1 USB 2.0, 1GbE RJ45, 1 VGA
Biometric Devices	FIPS 201.1 Optical Fingerprint Scanner, Infrared Iris Camera, Facial Recognition through integrated camera.
Wireless	802.11 b/g WiFi, Bluetooth 2.0, GPS, optional 3G cell modem.
Camera	Integrated Rear-Facing VGA Camera (3.2 MP HD Camera Optional)
Battery Type/Life	Hot swappable 2 Cell 7.4V Lithium Ion Polymer /6+ Hours of operation. (Battery UL and UN Certified)
Optional Components	Smart Card Reader/Writer, Appendix F Certified Dual Finger Print Scanner(includes 2 USB 2.0, 1GbE, 1 VGA, Mic Line in, Speaker Out)

ENVIRONMENTAL SPECIFICATIONS

Operational/ Non Operational Temperature	-32° to 50° C - MIL-STD 810G Method 501.5 High Temperature, Procedure I (Storage) for Hot Dry (A1) and Basic Cold (C1) climatic design thermal profiles and Procedure II (Operation) for Hot Dry (A1) and Basic Cold (C1) climatic design thermal profiles.
Altitude	MIL-STD 810G Method 500.5 Low Pressure (Altitude), Procedure I Storage) test altitude set to 40,000 ft, Procedure II (Operation) test altitude set to 10,000 ft, and Procedure IV (Explosive Decompression)
Enclosure/Sealing	MIL-STD 810G Method 506.5 Rain, Procedure I (Rain and Blowing Rain)
Enclosure/Sealing	MIL-STD 810G Method 510.5 Sand and Dust, Procedure I (Blowing Dust) and Procedure II (Blowing Sand)
Enclosure/Sealing	MIL-STD 810G Method 512.5 Immersion, Procedure I (Immersion) Salt Water Immersion 1 meter.
Vibration	MIL-STD 810G Method 514.6 Vibration, Procedure I (General Vibration): Category 4 Table 514.6C-IV, Category 4 Table 514.6C-VI, Category 8 Table 514.6C-IX, Category 9 Table 514.6C-X, Category 7 Table 514.6C-VII
Fungus/Mold	MIL-STD 810G Method 508.6 Fungus
Salt/Fog	MIL-STD 810G Method 509.5 Salt Fog, Alternating 24-hour periods of salt fog exposure and drying conditions
Drop	MIL-STD 810G Method 516.6 Shock, Procedure I (Functional Shock) and Procedure IV (Transit Drop) 48 Inch drop on each face, edge and corner with or without transit case.
Other	Made In USA, FCC Class A, CE (EU Safety and EMC), RoHS Compliant