



When is a picture worth more than a thousand words? When it gives you a differentiated advantage.

Stimulate Your Customers' Application Imagination.

Imagine new possibilities. Take digital color pictures in the field. Capture data on the go. Seamlessly connect with the office. Simultaneously increase field service productivity, improve customer service, and turbo charge your profits. All while improving your customer relationships. This complex scenario is now made simple with the JETT•eye. It was designed to make all of this possible at an affordable price point.

With integrated Bluetooth® and WLAN 802.11b, a 5 MP color camera and a bar code imager, the JETT•eye streamlines operations and simplifies workflow. Plus, with the IP65 rating, your application is now equipped to survive even the toughest environments.

Customize Your JETT•eye from Top to Bottom.

If you are an OEM, compress your customers' training time with an application-specific keypad. Incorporate your company colors and logo, and put your brand in front of your customers, where it matters most.

If you are a VAR or Systems Integrator, you can differentiate your company by providing your customers with a branded solution. We can customize their case color, keypad, graphics, bumpers, logo tags, serial tags and cabling. Everyone profits. You win their business; they get customized hardware at off-the-shelf prices. Easier, faster, and more affordable than you can imagine.

What Makes Us Different?

Only one company can consistently deliver this kind of affordable customization. Since 1987 Two Technologies has been a leader in the design and manufacturing of innovative, customizable computers for industrial and commercial applications. With second-to-none service and support, you can be assured that we will be there for you every step of the way.



CPU/Operating System

- Microsoft® Windows® CE .NET 5.0
 - OS revision can be frozen upon request
- Intel® PXA270 XScale® (Belverde) Technology Processor - 624MHz

MEMORY

- 128MB SDRAM (Est. 30MB used for OS)
- System Flash (512MB - 8GB+ available)
 - Partitioned for OS storage and application/data storage
 - Internal CF Media for data protection

CONNECTIVITY

Wireless

- Wireless Personal Area Network
 - Bluetooth® Class 2 internal
- Wireless Local Area Network
 - 802.11b internal

Wired

- USB v1.1 (mini USB A/B Connector)
- Up to 3 serial ports (RS-232, RS-422, RS-485, USB)
- Can be configured as follows:

JETT•eye Serial Configurations*	
JETT•connect	Aux. Connector
RS-232	USB or Charge Jack
Short RS-232 (2)	USB or Charge Jack
Short RS-232 & RS-422	USB or Charge Jack
Short RS-232 & RS-485	USB or Charge Jack
RS-422 & USB	Charge Jack
RS-485 & USB	Charge Jack

NOTE: Short RS-232 = TXD, RXD, CTS, and RTS only.
*Some restrictions may apply. Contact Two Technologies for more.

SENSORS

Bar Code Imager

- Light Source Visible red LED (650-660nm)
- Read Distance: up to 8.25" with 15.6mil Barcode
- Minimum feature size: 5mil
- Symbology decoded:
 - Standard code 39, Full ASCII code 39
 - Interleaved 2 of 5, Industrial 2 of 5
 - Codabar
 - MSI Plessey Code, UK Plessey Code
 - UPC-A, UPC-E
 - Telepen Code
 - IATA Code
 - EAS-8, EAN-13
 - CODE 128, UCC/EAN
 - Code 128
 - Code 93
 - Code 11
 - Code 32
 - China Postal Code

Camera

- 5.17 megapixel color CMOS (**4 megapixel processed)
- Image Quality Array Sizes:
 - QSXGA: 2592 x 1944 (4 MP used)
 - SXGA: 1280 x 960
 - VGA: 640 x 480
 - HF: 320 x 200
- Frame Rate
 - QSXGA: 4 fps
 - SXGA: 15 fps
 - VGA: 30 fps
 - HF: 70 fps
- Light Source
 - Ultra-Bright LED Technology
 - Intensity and duration software adjustable
 - Field of View 40 degrees
- High Quality IR coated glass optics
 - Manual user adjustable focal length (3" to infinity)
- Still/Live Video Capture
- View Finder
- Uncompressed/Compressed image storage
- GEMPASS DLL

Display

- 320x240 pixel QVGA-TFT color (with white LED Backlight)
- Touch screen
- Sunlight readable

Keys, Switches & Indicators

- NEW 52-key joystick-style keypad standard with bezel nomenclature
- Standard keypads also available:
 - 45-key membrane (10 rows x 4 columns plus 1 x 5 bottom row)
 - 45-key elastomeric (10 rows x 4 columns plus 1 x 5 bottom row)
 - 30-key elastomeric (10 x 3)
 - 15-key elastomeric (5x3)
- Custom layout and graphics (optional)
- Keypad feedback: Tactile and Audible
- LED backlit keypad (optional)
- Power/Resume switch
 - One fixed LED for Low Battery/Charge status (battery unit only)
- 5 programmable LED Indicators:
 - 1, 2, FLASH, WF, BT (customizable)
- 8 Definable "Hot" Keys can be used to execute programs or driver functions

Power

- Nickel Metal Hydride rechargeable batteries (1500 mAH, 7.2V)
- Battery tray can also accept 6 AA Alkaline batteries
- Recharge/Line Power: 11 to 18 VDC, 1.5A
- 8+ hours average operating time

Environment

- IP65 Ingress Protection
- Storage temperature: -20° to +70°C
- Operating temperature: -20° to +50°C
- Charging temperature: -20° to +40°C
- Humidity: 5-95% (non-condensing)

Custom Options

- Line Powered Unit*
- Customizable options*: Case Color, Bumper Color, LED Logo Tag (elastomeric keypad only), Keypad Layout (quantity of keys and locations), Keypad Graphics, Bezel Nomenclature, Logo Tag, LED Colors, Serial Tag, Cable and Pin-outs
- *Contact factory

Certifications

- IP65 Ingress Protection (Independent Lab Tested)
- FCC Class A
- EN55022, 1998. (CISPR 22) Class A, EN55022/IEC 6100-4-6 RF CONTINUOUS CONDUCTED
- EN55024, 1998 - ETSI EN 301489-1,2002 - ETSI EN 301489-3,2002 - EN/IEC 61000-4-2 ESD - EN/IEC 61000-4-3 RF ELECTRO MAGNETIC FIELD - EN/IEC 61000-4-4 FAST TRANSIENTS • EN60950:2000

Technology is complex. Your competition is fierce. The JETT•eye is designed to tame this complexity and give you a competitive advantage.

Software

- Development Environments: Microsoft® eMbedded Visual C++®, Visual Studio® .NET 2003, Visual Studio® 2005
- 2T Utilities CD: JETT SDK, Developer Tools, Code Samples
- GEMPASS: custom development DLLs, and free development consultation through GEMPASS

Peripherals and Accessories

- Desktop and Mobile Battery Chargers
- Desktop Cradles • Latch Mounts
- Carrying cases • Standard and Custom cables • Pre-Configured 2", 3" and 4" Mobile Thermal Printers and consumables
- Bluetooth® Headset

Optional JETT•PACK™ Peripherals

- JETT•PACK ready (optional)
- JETT•Wave Radio • GPS • GPRS
- Backup Memory • Mag Stripe Reader
- Custom to your specification with the JETT•PACK Kit
- *Contact factory

Enhanced Software Options

- Mobile Remote Device Management
- Terminal Emulation
- Voice Command Software

GEMPASS

GEMPASS offers a complete menu of resources and technical engineering support in the delivery of customized hand held computer solutions for a variety of industries.

As a GEM Partner, you gain access to the following GEMPASS offerings:

- Mobile Hand Held Technology Experts
- Peripherals/Software Services
- World-class Mobile System Software and Engineering
- Specialized financing options

Become a GEM Partner today and take advantage of these benefits and services:
www.2t.com/GEM



Put your company name or logo here

Standard and custom case colors available

Standard 52-key joystick style keypad shown

Custom keypad layouts and graphics available

Custom bezel nomenclature available

Custom wired connectivity options

WHY SETTLE FOR GENERIC HARDWARE?

All of our computer products can be customized to meet your exact needs and specifications, ranging from custom keypad graphics to highly customized cabling and everything in between. A full range of peripherals and software support services are available through our GEMPASS program, specifically for our GEM Partners.

Customize your hardware:

- case color
- keypad graphics
- cables
- logo tags
- bezel nomenclature
- boots
- serial tags
- display
- bumpers

CUSTOM CASE COLORS



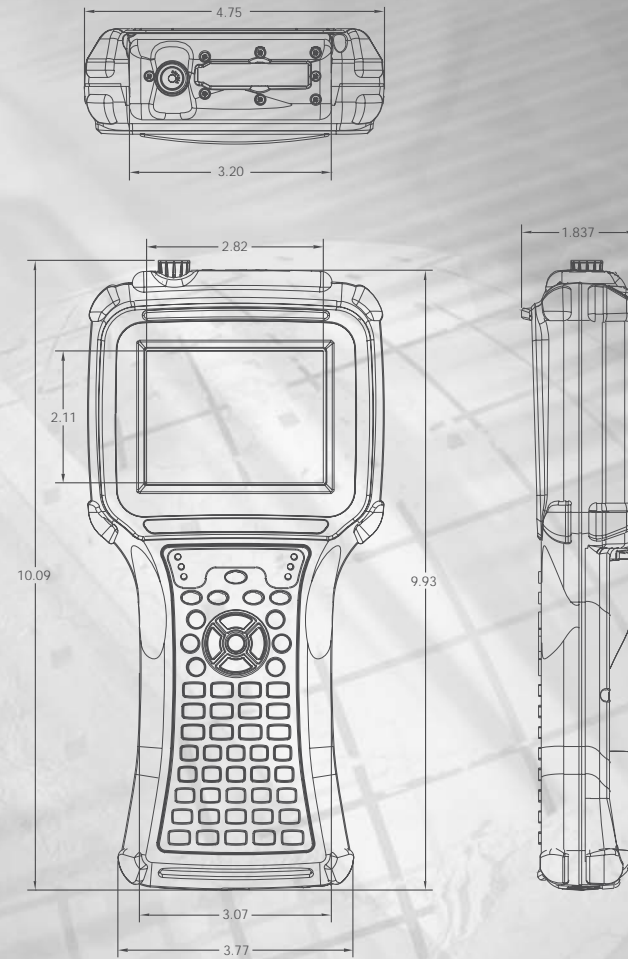
CUSTOM KEYPADS



CUSTOM LOGO TAGS



Contact us today to learn more about customization options.



DIMENSIONS

Height: 10.09 inches (256.2 mm)
 Width (Display area): 4.75 inches (120.6 mm)
 Width (Keypad area): 3.07 inches (78 mm)
 Depth: 1.837 inches (46.6mm)
 Display Size (Active area): 2.82 x 2.11 inches (71.6 mm x 53.5 mm)

Weight w/Rechargeable Battery: 29.4 ounces (833 Grams)
 Weight w/Alkaline Battery: 28.4 ounces (805 Grams)
 Weight w/o Battery: 23.4 ounces (663 Grams)



Two Technologies, Inc.™

We tame complexity. You profit.

jett. eye™
 Picturing Your Applications
 in a Brand New Light



Two Technologies, Inc. reserves the right to make changes to these specifications and features without prior notice. Please contact Two Technologies with questions.

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Introducing the industry's first fully featured, rugged and customizable hand held computer integrated with a color camera, bar code imager, and wireless connectivity.