

## GAIN AN EDGE IN TODAY'S COMPETITIVE MARKET PLACE

Bring your pen and paper processes into the digital world. Since pen and paper remain the easiest and most comfortable way for workers to be productive, Logitech's digital writing solutions can improve and automate the form-dependent workflow that companies rely on. Without changing how employees work, the adoption of digital writing eliminates inefficiencies in the existing processes with flexible, cost effective solutions.

### Hardware

Logitech's Bluetooth-enabled digital pen is designed to address the current shortcomings of mobile/office data capture devices. A digital pen with USB/Bluetooth/Barcode/Streaming technology, used in combination with a wireless handheld communication device or PC, can help an organization to more efficiently gather, transmit and share important data—in real time.

Logitech's experience and expertise in producing digital writing solutions ensure that our pens provide the comfort, quality and innovation of a brand customers have trusted for over 20 years.

#### The Logitech io2 Digital Pen with Bluetooth®

Offering performance and reliability in a compact size, the Logitech io2 Digital Pen with Bluetooth is the perfect solution for the mobile professionals. Although significant progress has been made at enabling hand-held mobile devices to capture and transmit data in real-time, size and interface limitations make entering large amounts of information into a Bluetooth enabled device such as a PDA, cell or smart mobile phone quite cumbersome. For most applications, people still prefer using pen and paper—it's the most accurate, efficient and comfortable way of gathering data.

Available in a metallic blue finish for a premium pen appearance, the Logitech io2 Digital Pen is available in a 5-pack configuration for commercial deployment. Each 5-pack includes a digital pen with ring, desktop cradle, and wall plug to USB charger.

The Logitech io2 Digital Pen provides USB/Bluetooth/Barcode/Streaming capabilities.

#### Desktop Cradle

A compact desktop cradle supports docking and charging the pen. The cradle is USB-powered and requires no additional power adapters.

#### Logitech io2 Wall Plug to USB Charger

A portable and lightweight AC wall plug to 5V USB adapter enables you to conveniently charge your pen through your USB cradle connection. It is compatible for international travel with wall socket support for the United States, Europe, and United Kingdom. A wall plug is included with each Logitech io2 Digital Pen with Bluetooth package.



## Logitech io2 Digital Pen with Bluetooth®

Visit the Logitech Business Solutions Center for more information including case studies and support, or download the Logitech io2 Digital Pen with Bluetooth® Business Kit all available at [www.logitechio.com/iobusiness](http://www.logitechio.com/iobusiness).

To contact a Sales Representative in:  
US: [infoAMR@logitechio.com](mailto:infoAMR@logitechio.com)  
EUR: [infoEU@logitechio.com](mailto:infoEU@logitechio.com)





## Software

Digital Pen software is available to support pen configuration and setup. This software communicates with the pen through USB connection only and contains the following functionality:

- **Multi-pen Support**  
Several docked pens can be supported simultaneously.
- **Pen State and Status**
  - Memory and Battery Indicators
  - Bluetooth Passkey
  - Clock Display
  - Auto-power Off (Disabled, 30 and 60 minutes)
  - USB download document
- **Bluetooth**
  - Bluetooth Passkey Set:  
Custom code can be set. Setting custom code also clears pen stroke memory for added security. Please note the Bluetooth Passkey is not viewable in the Digital Pen software user interface.
  - Discoverable On/Off:  
Commands the action via pen cap removal.
  - Streaming mode support
- **Barcode Reading functionality for System Integrator use**
- **User Information**  
General, Delivery Address, and Invoice Address can be loaded from settings saved in pen memory.
- **Pen Details**  
Digital Pen software contains information regarding: Firmware Build Number and Pen Software version.

For development tools, visit our partner Anoto at <http://www.anoto.com/?url=/products/buyproducts/developmenttools/>



## Paper

Logitech's partner network of Anoto-certified digital paper printers can help any business create custom digital forms that are accurate and easy to use.

## Solutions

Digital writing solutions represent a new way to help you and your customers reach their goals. Whether you want to implement a package or custom digital writing solution, or you want to develop your own, Logitech has made it easy to find the information you need. Visit the Logitech Business Solutions Center to learn more or contact a Logitech sales representative in:

**US:** [infoAMR@logitechio.com](mailto:infoAMR@logitechio.com)

**EUR:** [infoEU@logitechio.com](mailto:infoEU@logitechio.com)

## DIMENSIONS AND WEIGHT



All dimensions and weight are typical values

Item	Typical	Conditions / Refs /Comments
<b>Pen/cap:</b>		
Z - Length [mm]	148.2 / 156.7	Cap off / Cap on
X - Width [mm]	17.8 / 21.6	Cap off / Cap on
Y - Width [mm]	22 / 24.7	Cap off / Cap on
Weight [g]	28.9 / 37.5	Cap off / Cap on
<b>Cradle</b>		
Length [mm]	90	
Width [mm]	63	
Height [mm]	69	
Weight [g]	231	Including cable
Cable Length [cm]	115	
<b>Memory specifications</b>		
Memory type	Flash	
Strokes memory size [KB]	1270	
Max physical pages	400	
Data retention [years]	5	

Battery Capacity, life and charge values are typical

Battery specifications	Typical	
Battery type	Lithium Ion	
Battery capacity [mAh]	180	
Battery life, cap on:	280 days	
Battery life, cap off:	18 hours	
Battery life, cont. writing:	3 hours	
Battery charge time:	2 hours	

<b>Bluetooth® Specifications</b>		
Bluetooth Compatibility	Bi-directional, Bluetooth 1.1 / 1.2, class 2	
Bluetooth Range	3 meters [Typical]	
Bluetooth Passkey	4 Digit [customizable up to 16 digit with Digital Pen software]	
Bluetooth Security Mode	Level 3: Authentication and Link Encryption	
Bluetooth Interface Profiles	Bluetooth Object Push Profile (OPP) Bluetooth Serial Port Profile (SPP)	

\*Bluetooth Interface Profile Compatibility  
Interoperability between the Logitech io2 Digital Pen with Bluetooth and products with Bluetooth wireless technology (specifications 1.1 / 1.2) is not guaranteed. This functionality should be validated by the application developer or integrator before mobile device selection is made.

**DIMENSIONS AND WEIGHT** CONTINUED



**Anoto Communication Protocols**

Anoto File push (Anoto PGC v1.1) to paired device (Bluetooth Object Push or Bluetooth Serial Port Profile)

Anoto Local Standardized Services and Anoto Local Open Services

The protocols are selected by the Anoto paper templates.

Note: Anoto Network Based Open Services (NBOS) are no longer supported

**Reliability**

Unit, repeated drop / shock 100cm, on steel surface, 6 faces w/o cap, 6 faces w/ cap

Bump resistance 150m/s<sup>2</sup>, 6 msec, 1000 bumps/axis, 3 axes, total 3h

Electrostatic discharge 8kV (air) / 4kV (contact)

Electric Fast Transient/Burst 1.0kV

Spillage/Splash Resistance 60ml of Coke on operational unit.

Cap insertion life 100'000 cycles

Docking insertion life 15'000 cycles

MTTF 150'000 hours

**Surface resistance tests**

Chemical Soaked flannel, 60 cycles

Ethanol, 95% analytical grade

Isopropyl Alcohol, 70%

Acetone, 95% analytical grade

Artificial sweat, 5% isotonic saline solution

AbrasionLinear Abraser, 350 g, 100 cycles of 1 inch

**Environmental specifications**

Light Immunity 100KLux

E/T, Operating environment 0 deg C / + 40 deg C, 0 to 90% Relative Humidity

E/T, Storage environment - 40 deg C / + 70 deg C, 0 to 95% Relative Humidity, 53h

E/T, Storage environment - 20 deg C + 45 deg C, 0 to 95% Relative Humidity, >1 month

Dust Resistance IEC 529 IP code 5



The Logitech io2 Digital Writing System Featuring Anoto Functionality



Country	Safety Approvals	Emissions and Immunity EMC
<b>USA</b>	UL approval with US / C UL Listed Mark or CSA equivalent UL 60950 / CSA C22.2 No.60950 3rd Edition ITE device, Class III, SELV, supplied by Limited power source	Declaration of Conformity (DoC) as per FCC Part 15 Subpart B. TCB certification as per FCC Part 15 Subpart C.
<b>CANADA</b>	US / C UL Listed Mark or CSA equivalent CSA C22.2 No.60950 3rd Edition	ICES-003:1997 (for the cradle through FCC approval) RSS-210 Issue 5 November 2002 (Low Power License-Exempt Radiocommunication Devices) (accepts & recognizes FCC Part 15 Subpart C.)
<b>EUROPE</b>	LVD Directives 73/23/EEC (safety part of CE marking)  TUV-mark : - EN 60950-1 :2001+A11 (safety part of CE marking.)  Laser Safety - EN 60825-1 (1994) + A11 (1996) + A2 (2001) + A1 (2002)	R&TTE Directive 1999/5/EEC  EMC : - EN 301 489-1 v.1.4.1 (2002:08) - EN 301 489-17 v.1.2.1 (2002:08)  Emission : - EN 55022 class B - EN 61000-3-2 :2000 : Harmonics emission - EN 61000-3-3 :1995 : Fluctuations and flicker emission  Immunity : - EN 61000-4-2:1995 + A1 (1998) + A2(2001) : Electrostatic Discharge (ESD) - EN 61000-4-3 :1996 + A1(1998) + A2(2001) : Immunity to Radiated, Radio- frequency Electromagnetic field, 80 MHz to 1000 MHz, - EN 61000-4-4 :1995+ A1(2001) + A2(2001) : Electrical Fast transients / Bursts Immunity Test. - EN 61000-4-5: 1995 + A1(2001) : Surges, common and differential mode on AC power ports - EN61000-4-6 :1996 + A1(2001) : RF common mode (current clamp injection) on AC and DC ports (0,15 - 80 MHz) - EN61000-4-11 : 1994 + A1(2001) : Voltage dips and interruptions RF : - EN 300 328-2 v.1.6.1. (2004-11)
<b>Australia / New Zealand</b>	No additional required	C-Tick mark : EMC as per AS/NZS3548 RF as per AS/NZS 4771:2000