


BIOPAC SOFTWARE	VERSION	OS*	SUPPORTED HARDWARE	BUILD (UNDER ABOUT 6 q
<b>AcqKnowledge</b>	5.0.3	Windows 10, 8.x, 7 (64-bit only)	MP160/150/36R/ BioNomadix Logger/ B-Alert/ Smart Center/ Mobita/ BioHarnessBT/Stellar	09.07.2018
		Mac OS 10.13-10.10	MP160/150/36R/ BioNomadix Logger/ Smart Center	09.07.2018
	4.4.2	Windows 10, 8, 7 <i>(for earlier software versions, see <a href="#">XP known issues</a>)</i>	MP150/36R/ BioNomadix Logger/ B-Alert/Mobita/ BioHarnessBT/ Stellar/	04.09.2016
		Mac OS 10.11-10.9	MP150/36R/ BioNomadix Logger	04.08.2016
	4.1 for BioHarness	Windows 7 & Vista	BioHarness ISM	04.06.2010
	3.8.2 localized : -CS, -CT, FR, -IT, -JP, -ES	Windows Vista & XP	MP150/MP100	03.29.2007
<b>Biopac Student Lab</b>	4.1.3 Lessons & <i>PRO</i> localized: -ES, -FR, -JP, -CT	Windows 10, 8, 7 <i>- see <a href="#">XP known issues</a></i>	MP36/35/45	02.15.2018
		Mac OS 10.13-10.10		02.15.2018
	3.7.5 Lessons localized: -CS, -CT, -FR, -ES, RU	Windows 7, Vista & XP	MP45	06.06.2011 (CS) 06.30.2011 (CT) 11.24.2010 (FR) 08.30.2011 (ES) 01.06.2012 (RU)
	3.7.6 Lessons & 3.7.3 <i>PRO</i> localized: -RU			MP36/35/30
	3.7.3 Lessons & <i>PRO</i> localized: CS, -CT, FR, -IT, -JP, -ES, -RU	Windows 7, Vista & XP	MP36/35/30	12.21.2009
<b>Biopac Science Lab</b>	1.1.1	Windows 10, 7, Vista & XP	MP40	11.27.2007
<b>BHAPI</b>	2.2.1	Windows 10, 8, 7	MP160/150/36R	05.16.2016
	2.2.0	Windows 10, 8, 7	MP36/35	02.18.2015
<b>ACKAPI</b>	3.3.1.2	Visual Studio 2010, 64-bit	n/a	06.05.2017
<p>*BIOPAC software offerings are fully compatible with the operating system versions listed above. Any OS version not listed has not been tested and full operational function cannot be guaranteed.</p> <p>For earlier BIOPAC software versions and operating system compatibility, see Application Note 236: <a href="#">Release History</a> </p>				

## Notes

- AcqKnowledge 5.0.3 was thoroughly tested on Windows 10, 8, and 7 Professional 64-bit versions, and Mac OS X 10.11-13
- MP160 hardware is compatible with AcqKnowledge 5.0 and higher only.
- AcqKnowledge 4.4.2 and Biopac Student Lab 4.1.3 were thoroughly tested on Windows 10, 8 & 7 Professional, 32 and 64-bit versions.
- AcqKnowledge 4.4 . 4.0 or BSL 4.0.3 . 4.0 are functional on Windows Vista. BSL 4.1 was not tested in Vista.
- AcqKnowledge 4.1 . 4.2 with MP150: Data acquisition is not supported in Windows 8 or 10. (Use Windows 7 or Vista only)
- No editions of Windows Embedded are supported.
- Windows XP Known Issues for AcqKnowledge 4.x and Biopac Student Lab 4.x
  - Media menu functionality for audio and/or video synchronization is not compatible with Windows XP. Leaving media functionality installed, even if unused, may lead to application crashes and general instability.

- It may not be possible to communicate with an MP150 device with Windows XP when using multiple network adapters. This is particularly acute when manual IP addresses are in use. Either upgrade to 8 or 7 or use ACQ 3.x for data acquisition.
  - Windows Error Reporting for reporting application crashes is not fully functional on Windows XP.
  - Analysis will be sluggish on older machines running Windows XP; for better performance it is recommended to update the hardware to a Windows 8 or 7 computer.
  - Testing under XP was very limited; there may be functionality limitations on XP that can only be resolved by upgrading to 8 or 7.
  - Mac OS X 10.4 and above must use UDP when communicating with an MP150.
  - DLC communication is supported under Mac OS X 10.3 only.
  - To use an MP150 with UDP communication on a network with a non-Windows DHCP server, you must use firmware 1.1.12 or greater for the MP unit to properly be assigned an IP address. This is also true for any DHCP system with non-Windows operating systems, such as Unix, Linux, Mac OS X, and other DHCP-aware devices.
- [UDP: MP150 + No Network Access](#)   [UDP: MP150 + Domain Network](#)   [UDP: MP150 + Network or Multiple Computers](#)
- *AcqKnowledge* 3.9.2 . 4.0 and BSL 3.7.3 . 3.7.6 were not tested on Mac OS X 10.6, but no known incompatibilities exist.
  - No known incompatibilities between BSL 3.7.2 (for Mac OS X 10.3-10.4+) and Mac OS X 10.5.5 or below (not 10.5.6)

For details about running older software versions on Macs with Intel processors, see [Compatibility on Mac Intel Core Duo](#). 

## Computer & Disk Space Requirements

Although BIOPAC software saves files in a format as compact as possible, it is not uncommon for some users to generate very large data files. When planning to acquire data for long periods (more than a few hours) and sampling at relatively fast rates (more than 2,000 samples per second), it's recommended to have as much available disk space as possible (or have access to a removable storage device). See your *AcqKnowledge* or BSL Software Guides for hints on working with large files.

### Windows OS

#### *AcqKnowledge* 5.x:

<b>Architecture</b>	64-bit
<b>Port</b>	MP160/150: Ethernet (UDP), MP36R and other supported hardware: USB2
<b>Hard Disk</b>	5 GB free hard disk space for files, data, and videos
<b>RAM</b>	4 GB recommended minimum, (8 GB recommended)
<b>Graphics</b>	Intel Graphics 3000 or better (Dedicated Graphics w/ 1 GB or better)
<b>Processor</b>	Intel Core Duo, 3 Ghz or higher (Core i5, 2.5 Ghz or higher recommended)

#### *AcqKnowledge* 4.x:

<b>Architecture</b>	32-bit
<b>Port</b>	MP150: Ethernet (UDP), MP36R and other supported hardware: USB2
<b>Hard Disk</b>	1 GB to store the software and on-line manuals; additional 1 GB recommended for data storage
<b>RAM</b>	2 GB recommended minimum
<b>Processor</b>	Pentium 4 or higher; speed: 1 GHz or higher (Intel Core Duo or higher strongly recommended)

#### *AcqKnowledge* 3.8.2 and 3.9.1:

<b>Architecture</b>	32-bit
<b>Port</b>	MP150: Ethernet (UDP), MP100: USB v1 and v2
<b>Hard Disk</b>	128 MB to store the software and on-line manuals; additional 1 GB recommended for data storage
<b>RAM</b>	128 MB recommended minimum
<b>Processor</b>	CPU with at least 200 MHz clock speed recommended

#### Biopac Student Lab & BSL *PRO* 4.x:

<b>Architecture</b>	32-bit (64-bit recommended)
<b>Port</b>	USB2
<b>Hard Disk</b>	5 GB free hard disk space for files, data, and videos
<b>RAM</b>	4 GB recommended minimum (8 GB recommended)
<b>Graphics</b>	Intel Graphics 3000 or better (Dedicated Graphics w/ 1 GB or better)
<b>Processor</b>	Intel Core Duo, 3 Ghz or higher (Core i5, 2.5 Ghz or higher recommended)

#### Biopac Student Lab & BSL *PRO* 3.7.5, 3.7.6, 3.7.7:

<b>Architecture</b>	32-bit
<b>Port</b>	USB v1 and v2
<b>Hard Disk</b>	350 MB to store the software and on-line manuals; additional 1 GB recommended for data storage
<b>RAM</b>	1 GB recommended minimum
<b>Processor</b>	Pentium 4 or higher; speed: 1 GHz or higher (Intel Core Duo or higher strongly recommended)

**AcqKnowledge 5 and higher:**

<b>Architecture</b>	64-bit
<b>Port</b>	MP160/150: Ethernet (UDP), MP36R and other supported hardware: USB2
<b>Hard Disk</b>	5 GB free hard disk space for files, data, and videos
<b>RAM</b>	4 GB recommended minimum, (8 GB recommended)
<b>Graphics</b>	Intel Graphics 3000 or better (Dedicated Graphics w/ 1 GB or better)
<b>Processor</b>	Intel Core Duo, 3 Ghz or higher (Core i5, 2.5 Ghz or higher recommended)

**AcqKnowledge 4 and higher:**

<b>Architecture</b>	32-bit
<b>Port</b>	MP150: UDP, MP36R: USB2
<b>Hard Disk</b>	1 GB to store the software and on-line manuals; additional 1 GB recommended for data storage
<b>RAM</b>	2 GB recommended minimum
<b>Processor</b>	Intel Core Duo (or higher)

**AcqKnowledge 3.9.2:**

<b>Architecture</b>	32-bit
<b>Port</b>	MP150: UDP, MP100: USB v1 and v2
<b>Hard Disk</b>	128 MB to store the software and on-line manuals; additional 1 GB recommended for data storage
<b>RAM</b>	128 MB recommended minimum
<b>Processor</b>	PowerPC G3 (or higher)

**Biopac Student Lab & BSL PRO 4:**

<b>Architecture</b>	32-bit (64-bit recommended)
<b>Port</b>	USB2
<b>Hard Disk</b>	5 GB free hard disk space for files, data, and videos
<b>RAM</b>	4 GB recommended minimum (8 GB recommended)
<b>Graphics</b>	Intel Graphics 3000 or better (Dedicated Graphics w/ 1 GB or better)
<b>Processor</b>	Intel Core Duo, 3 Ghz or higher (Core i5, 2.5 Ghz or higher recommended)

**Biopac Student Lab & BSL PRO 3.7.3, 3.7.5, 3.7.6:**

<b>Architecture</b>	32-bit
<b>Port</b>	USB v1 and v2
<b>Hard Disk</b>	1 GB to store the software and on-line manuals; additional 1 GB recommended for data storage
<b>RAM</b>	1 GB recommended minimum
<b>Processor</b>	Intel Core Duo (or higher)