

iWRAP firmware versions and supported features

| | iWRAP 3.0.0 build 165 | iWRAP 4.0.0 build 317 | iWRAP 4.0.0 build 317 | iWRAP 5.0.1 build 620 <i>Generic</i> | iWRAP 5.0.1 build 620 <i>Generic</i> | iWRAP 5.0.1 build 621 <i>Audio Source</i> | iWRAP 5.0.1 build 619 <i>iAP</i> | iWRAP 5.0.1 build 619 <i>iAP</i> | iWRAP 5.0.1 build 623 <i>aptX®</i> | iWRAP 5.0.1 build 624 <i>aptX® Source</i> | iWRAP 5.0.1 build 622 <i>CVC5</i> |
|---|--------------------------|--------------------------|--------------------------|--|--|---|--|--|--|---|---|
| Firmware ordering code | | | | | | | | | | | |
| Ordering code | AI3 | AI4 | AI4 | AI5 | AI5 | AI5S | AI5IAP | AI5IAP | AI5-APTX | AI5S-APTX | CVC |
| Supported hardware | | | | | | | | | | | |
| WT32 | Yes | - | Yes | - | Yes | Yes | - | Yes | Yes | Yes | Yes |
| WT41 | Yes | Yes | - | Yes | - | - | Yes | - | - | - | - |
| WT11i | Yes | Yes | - | Yes | - | - | Yes | - | - | - | - |
| WT12 | Yes | Yes | - | Yes | - | - | Yes | - | - | - | - |
| Bluetooth stack features | | | | | | | | | | | |
| Version | 2.1 + EDR | 2.1 + EDR | 2.1 + EDR | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Secure Simple Pairing | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Max connections | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 6 | 6 | 6 |
| Host API | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands |
| Host interfaces | UART | UART | UART | UART | UART | UART | UART | UART | UART | UART | UART |
| Encryption | 56-bits | 56-bits | 56-bits | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits |
| Supported profiles | | | | | | | | | | | |
| SPP | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| OBEX OPP | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| OBEX FTP ⁽²⁾ | - | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| DUN ⁽³⁾ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| HID ⁽⁴⁾ | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes | - | Yes |
| A2DP | Yes | - | Yes | - | A2DP sink | A2DP source | - | A2DP sink | A2DP sink | A2DP source | A2DP sink |
| HFP | Yes | Yes | Yes | Yes | Hands-free | Hands-free AG | Hands-free | Hands-free | Hands-free | Hands-free AG | Hands-free |
| HSP | Yes | Yes | Yes | Yes | Headset | Headset AG | Headset | Headset | Headset | Headset AG | Headset |
| AVRCP | Yes | - | Yes | - | Yes | Yes | - | Yes | Yes | Yes | Yes |
| PBAP ⁽⁵⁾ | - | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes | - | Yes |
| HDP | - | - | - | Yes | - | - | Yes | - | - | - | - |
| DI | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| MAP ⁽⁷⁾ | - | - | - | Yes | Yes | - | Yes | Yes | Yes | - | Yes |
| Apple iAP support ⁽⁶⁾ | - | - | - | - | - | - | Yes | Yes | - | - | - |
| Over-the-Air configuration ^(*) | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| BGIO ^(*) | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| IEEE agents (for HDP) | | | | | | | | | | | |
| Blood pressure monitor | - | - | - | Yes | - | - | Yes | - | - | - | - |
| Blood glucose | - | - | - | Yes | - | - | Yes | - | - | - | - |
| Weight scale | - | - | - | Yes | - | - | Yes | - | - | - | - |
| Pulse oximeter | - | - | - | Yes | - | - | Yes | - | - | - | - |
| Thermometer | - | - | - | Yes | - | - | Yes | - | - | - | - |
| Audio features | | | | | | | | | | | |
| CVC echo cancellation ⁽⁺⁾ | - | - | - | - | - | - | - | - | - | - | Yes |
| aptX audio codec ⁽⁺⁾ | - | - | - | - | - | - | - | - | Yes | Yes | - |
| mSBC (Wide-Band Speech) | - | - | - | - | Yes | Yes | - | Yes | Yes | Yes | - |
| Bluetooth qualification | | | | | | | | | | | |
| QDID | 13536 | 22414 | 22414 | 37931 | 37931 | 37931 | 37931 | 37931 | 37931 | 37931 | 37931 |

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| | iWRAP 5.0.2 build 764 <i>Generic</i> | iWRAP 5.0.2 build 765 <i>Audio Source</i> | iWRAP 5.0.2 build 763 <i>iAP</i> | iWRAP 5.0.2 build 767 <i>aptX®</i> | iWRAP 5.0.2 build 768 <i>aptX® Source</i> | iWRAP 5.0.2 build 766 <i>CVC5</i> |
|--------------------------------------|--|---|--|--|---|---|
| Firmware ordering code | | | | | | |
| Ordering code | AI5 | AI5S | AI5IAP | AI5-APTX | AI5S-APTX | CVC |
| Supported hardware | | | | | | |
| WT32 | Yes | Yes | Yes | Yes | Yes | Yes |
| WT41 | - | - | - | - | - | - |
| WT11i | - | - | - | - | - | - |
| WT12 | - | - | - | - | - | - |
| Bluetooth stack features | | | | | | |
| Version | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Secure Simple Pairing | Yes | Yes | Yes | Yes | Yes | Yes |
| Max connections | 6 | 6 | 6 | 6 | 6 | 6 |
| Host API | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands |
| Host interfaces | UART | UART | UART | UART | UART | UART |
| Encryption | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits |
| Supported profiles | | | | | | |
| SPP | Yes | Yes | Yes | Yes | Yes | Yes |
| OBEX OPP | Yes | Yes | Yes | Yes | Yes | Yes |
| OBEX FTP ⁽²⁾ | Yes | Yes | Yes | Yes | Yes | Yes |
| DUN ⁽³⁾ | Yes | Yes | Yes | Yes | Yes | Yes |
| HID ⁽⁴⁾ | Yes | - | Yes | Yes | - | - |
| A2DP | A2DP sink | A2DP source | A2DP sink | A2DP sink | A2DP source | A2DP sink |
| HFP | Hands-free | Hands-free AG | Hands-free | Hands-free | Hands-free AG | Hands-free |
| HSP | Headset | Headset AG | - | Headset | Headset AG | Headset |
| AVRCP | Yes | Yes | Yes | Yes | Yes | Yes |
| PBAP ⁽⁵⁾ | Yes | - | Yes | Yes | - | Yes |
| HDP | - | - | - | - | - | - |
| DI | Yes | Yes | Yes | Yes | Yes | Yes |
| MAP ⁽⁷⁾ | Yes | - | Yes | Yes | - | Yes |
| Apple iAP support ⁽⁶⁾ | - | - | Yes | - | - | - |
| Over-the-Air configuration* | Yes | - | - | - | - | - |
| BGIO* | Yes | - | - | - | - | - |
| IEEE agents (for HDP) | | | | | | |
| Blood pressure monitor | - | - | - | - | - | - |
| Blood glucose | - | - | - | - | - | - |
| Weight scale | - | - | - | - | - | - |
| Pulse oximeter | - | - | - | - | - | - |
| Thermometer | - | - | - | - | - | - |
| Audio features | | | | | | |
| CVC echo cancellation ⁽⁺⁾ | - | - | - | - | - | Yes |
| aptX audio codec ⁽⁺⁾ | - | - | - | Yes | Yes | - |
| mSBC (Wide-Band Speech) | Yes | Yes | Yes | Yes | Yes | - |
| Bluetooth qualification | | | | | | |
| QDID | 37931 | 37931 | 37931 | 37931 | 37931 | 37931 |

- 1) OPP server only
- 2) FTP client only
- 3) DUN terminal only
- 4) HID device only
- 5) PBAP client only

- 6) Delivered only to Apple MFi licensees. Please contact support@bluegiga.com
 - 7) MAP client only
 - *) Bluegiga proprietary profiles
 - +) Requires an extra license. Please contact sales@bluegiga.com
- For any other firmware version contact : sales@bluegiga.com

iWRAP firmware versions and supported features

| | iWRAP 5.5.0 <i>Generic</i> | iWRAP 5.5.0 <i>iAP</i> | iWRAP 6.0.0 <i>Generic</i> | iWRAP 6.0.0 <i>iAP</i> | iWRAP 6.0.0 <i>aptX®</i> |
|---|-------------------------------|---------------------------|-------------------------------|---------------------------|-----------------------------|
| Firmware ordering code | | | | | |
| Ordering code | AI55 | AI55IAP | AI6 | AI6IAP | AI6-APTX |
| Supported hardware | | | | | |
| WT32i | - | - | Yes | Yes | Yes |
| WT41 | Yes | Yes | - | - | - |
| WT11i | Yes | Yes | - | - | - |
| WT12 | Yes | Yes | - | - | - |
| Bluetooth stack features | | | | | |
| Version | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Secure Simple Pairing | Yes | Yes | Yes | Yes | Yes |
| Max connections | 7 | 7 | 6 | 6 | 6 |
| Host API | ASCII commands | ASCII commands | ASCII commands | ASCII commands | ASCII commands |
| Host interfaces | UART | UART | UART | UART | UART |
| Encryption | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits | 56/128-bits |
| Supported profiles | | | | | |
| SPP | Yes | Yes | Yes | Yes | Yes |
| OBEX OPP | Yes | Yes | Yes | Yes | Yes |
| OBEX FTP ⁽²⁾ | Yes | Yes | Yes | Yes | Yes |
| DUN ⁽³⁾ | Yes | Yes | Yes | Yes | Yes |
| HID ⁽⁴⁾ | Yes | Yes | Yes | Yes | Yes |
| A2DP | - | - | Yes | Yes | Yes |
| HFP | Yes | Hands-free | Yes | Hands-free | Yes |
| HSP | Yes | - | Yes | Yes | Yes |
| AVRCP | - | - | Yes | Yes | Yes |
| PBAP ⁽⁵⁾ | Yes | Yes | Yes | Yes | Yes |
| HDP | Yes | - | Yes | - | - |
| DI | Yes | Yes | Yes | Yes | Yes |
| MAP ⁽⁷⁾ | Yes | Yes | Yes | Yes | Yes |
| Apple iAP support ⁽⁶⁾ | - | iAP1 and iAP2 | - | iAP1 and iAP2 | - |
| Over-the-Air configuration ^(*) | Yes | Yes | Yes | Yes | Yes |
| BGIO ^(*) | Yes | Yes | Yes | Yes | Yes |
| IEEE agents (for HDP) | | | | | |
| Blood pressure monitor | Yes | - | Yes | - | - |
| Blood glucose | Yes | - | Yes | - | - |
| Weight scale | Yes | - | Yes | - | - |
| Pulse oximeter | Yes | - | Yes | - | - |
| Thermometer | Yes | - | Yes | - | - |
| Audio features | | | | | |
| CVC echo cancellation ⁽⁺⁾ | - | - | - | - | - |
| aptX audio codec ⁽⁺⁾ | - | - | - | - | Yes |
| AAC audio codec ⁽⁺⁾ | - | - | Yes | Yes | Yes |
| mSBC (Wide-Band Speech) | - | - | Yes | Yes | Yes |
| Bluetooth qualification | | | | | |
| QDID | 37931 | 37931 | TBD | TBD | TBD |

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- 3) DUN terminal only
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- 5) PBAP client only

- 6) Delivered only to Apple MFi licensees. Please contact support@bluegiga.com
 - 7) MAP client only
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