

iWRAP firmware versions and supported features

	iWRAP 5.6.0 build 1022 <i>Generic</i>	iWRAP 5.6.0 build 1055 <i>iAP</i>	iWRAP 6.1.0 build 1022 <i>Generic</i>	iWRAP 6.1.0 build 1055 <i>iAP</i>	iWRAP 6.1.0 build 1024 <i>aptX®</i>	iWRAP 6.1.0 build 1029 <i>aptX® Low Latency</i>	iWRAP 6.1.0 build 1025 <i>CVC5</i>
Firmware ordering code							
Ordering code	AI56	AI56IAP	AI61	AI61IAP	AI61-APT X	N/A	N/A
Supported hardware							
WT32i	-	-	Yes	Yes	Yes	Yes	Yes
WT41u	Yes	Yes	-	-	-	-	-
WT11u	Yes	Yes	-	-	-	-	-
WT12	Yes	Yes	-	-	-	-	-
Bluetooth stack features							
Version	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Secure Simple Pairing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Max connections	7	7	6	6	6	6	6
Host API	ASCII commands	ASCII commands	ASCII commands	ASCII commands	ASCII commands	ASCII commands	ASCII commands
Host interfaces	UART	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	56/128-bits
Supported profiles							
SPP	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OBEX OPP ¹⁾	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OBEX FTP ²⁾	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DUN ³⁾	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HID ⁴⁾	Yes	Yes	Yes	Yes	Yes	Yes	Yes
A2DP	-	-	Yes	Yes	Yes	Yes	Yes
HFP	Yes	Hands-free	Yes	Hands-free	Yes	Yes	Yes
HSP	Yes	-	Yes	Yes	Yes	Yes	Yes
AVRCP	-	-	Yes	Yes	Yes	Yes	Yes
PBAP ⁵⁾	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDP	Yes	-	Yes	-	-	-	-
DI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MAP ⁷⁾	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Apple iAP support ⁶⁾	-	iAP1 and iAP2	-	iAP1 and iAP2	-	-	-
Over-the-Air configuration [*]	Yes	Yes	Yes	Yes	Yes	Yes	Yes
BGIO ^{†)}	Yes	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	-
aptX low-latency codec ⁽⁺⁾	-	-	-	-	-	Yes	-
AAC audio codec ⁽⁺⁾	-	-	Yes	Yes	Yes	Yes	Yes
mSBC (Wide-Band Speech)	-	-	Yes	Yes	Yes	Yes	Yes
Bluetooth qualification							
QDID	37931	37931	56758	56758	56758	56758	56758

- 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 www.silabs.com/support
 - 7) MAP client only
 - *) Bluegiga proprietary profiles
 - +) Requires an extra license. Please contact us, using contact form at www.silabs.com/support
- aptX low latency onyl supports A2DP source mode
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	iWRAP 5.7.0 build 1118 <i>Generic</i>	iWRAP 5.7.0 build 1119 <i>iAP</i>	iWRAP 6.2.0 build 1118 <i>Generic</i>	iWRAP 6.2.0 build 1119 <i>iAP</i>	iWRAP 6.2.0 build 1120 <i>aptX®</i>	iWRAP 6.2.0 build 1122 <i>aptX® Low Latency</i>	iWRAP 6.2.0 build 1121 <i>CVC5</i>
Firmware ordering code							
Ordering code	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Supported hardware							
WT32i	-	-	Yes	Yes	Yes	Yes	Yes
WT41u	Yes	Yes	-	-	-	-	-
WT11u	Yes	Yes	-	-	-	-	-
WT12	Yes	Yes	-	-	-	-	-
Bluetooth stack features							
Version	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Secure Simple Pairing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Max connections	7	7	5	5	5	5	5
Host API	ASCII commands	ASCII commands	ASCII commands	ASCII commands	ASCII commands	ASCII commands	ASCII commands
Host interfaces	UART	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	56/128-bits
Supported profiles							
SPP	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OBEX OPP ¹	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OBEX FTP ²	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DUN ³	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HID ⁴	Yes	Yes	Yes	Yes	Yes	Yes	Yes
A2DP	-	-	Yes	Yes	Yes	Yes	Yes
HFP	Yes	Hands-free	Yes	Hands-free	Yes	Yes	Yes
HSP	Yes	-	Yes	Yes	Yes	Yes	Yes
AVRCP	-	-	Yes	Yes	Yes	Yes	Yes
PBAP ⁵	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDP	Yes	-	Yes	-	-	-	-
DI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MAP ⁷	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Apple iAP support ⁶	-	iAP1 and iAP2	-	iAP1 and iAP2	-	-	-
Over-the-Air configuration [*]	Yes	Yes	Yes	Yes	Yes	Yes	Yes
BGIO [†]	Yes	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	-
aptX low-latency codec(+)	-	-	-	-	-	Yes	-
AAC audio codec [†]	-	-	Yes	Yes	Yes	Yes	Yes
mSBC (Wide-Band Speech)	-	-	Yes	Yes	Yes	Yes	Yes
Bluetooth qualification							
QDID	37931	37931	56758	56758	56758	56758	56758

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	iWRAP 5.0.2 build 992 <i>Generic</i>	iWRAP 5.0.2 build 994 <i>Audio Source</i>	iWRAP 5.0.2 build 993 <i>iAP</i>	iWRAP 5.0.2 build 997 <i>aptX®</i>	iWRAP 5.0.2 build 998 <i>aptX® Source</i>	iWRAP 5.0.2 build 996 <i>CVC5</i>
Firmware ordering code						
Ordering code	AI5	AI5S	AI5IAP	AI5-APT X	AI5S-APT X	N/A
Supported hardware						
WT32	Yes	Yes	Yes	Yes	Yes	Yes
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 ⁽¹⁾	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⁾	-	-	iAP1	-	-	-
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

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