

The Z-Dongle “Aka UZB dongle”

Presented by CK

Hardware Features

- Base on 5th generation silicon, Z-Wave plus certified. (2Mb flash)
- Good RF range (45~65M)
- The world's Smallest size (16.6mm x 22mm x 7.8mm) exclude USB plug.
- NVR based UUID and optional Hardware UUID (with cost adder)

Z-Dongle vs. “Sigma” Dongle

- Compared to the standard firmware design used by almost all Z-Wave USB Sticks and other Z-Wave Host Interface hardware, the Z-Dongle firmware offers several extensions and enhancements:
 - Backup and recovery function including network topology
 - Extended Node Information Frame up to 35 Command Classes
 - Optimized transmitting queue handling to speed up transmitting process
 - Extended Wakeup Notification
 - Handling to extend battery life time of battery operated devices in the network
 - Watch Dog function

Small in size but big in function



Substantially smaller than
standard UZB dongles



Z-Dongle is Z-Wave plus certified
(ZC10-14090020), related document see [here](#).

ZDG-500E has R&TTE certification
ZDG-500U has FCC certification

SKUs (Ordering information)

Model	SKU (P/N)	SRD region	Z-Wave Channel	Freq [kHz]	Communication rate [kBit]	LO injection side
ZDG-500A	20-C85J-BA	AU/NZ/BR	0	921400	9.6/40	(h)igh
			1	919800	100	(l)ow
ZDG-500E	20-C85C-BE	EU/ZA/AE	0	868400	9.6/40	(h)igh
			1	869850	100	(l)ow
ZDG-500C	20-C85C-BC	CN	0	868400	9.6/40	(h)igh
			1	868400	100	(l)ow
ZDG-500U	20-C85A-BU	US/CA	0	916000	9.6/40	(h)igh
			1	908400	100	(l)ow
ZDG-500J	20-C85J-BJ	JP/TW	0	922500	100	(l)ow
			1	923900	100	(l)ow
			2	926300	100	(l)ow
ZDG-500K	20-C85J-BK	KR	0	919700	100	(l)ow
			1	921700	100	(l)ow
			2	923100	100	(l)ow