

## Viessmann Modellspielwaren GmbH CV8=109

Model	Family	Min CV7 value	Max CV7 value	Internal ID
4557	Point Motor Decoders	2	5	4557
4558	Point Motor Decoders	2	5	4558
4559	Point Motor Decoders	2	5	4559
4560	Point Motor Decoders	2	5	4560
5240	Multi-Protocol Decoders	1	255	5240
5241	Multi-Protocol Decoders	1	255	5241
5244	Multi-Protocol Decoders	1	255	5244
5245	Multi-Protocol Decoders	1	255	5245

## W.S. Ataras Engineering CV8=119

**Model Family Min CV7 value Max CV7 value Internal ID**

## WP Railshops CV8=163

**Model Family Min CV7 value Max CV7 value Internal ID**

## Wangrow CV8=12

Model	Family	Min CV7 value	Max CV7 value	Internal ID
DH-154	Wangrow basic decoders			
DH-155	Wangrow basic decoders			
DO-407	Wangrow basic decoders			
DN-103	Wangrow 2nd gen decoders			
SH-104	Wangrow 3rd generation decoders			
DH-104	Wangrow advanced lighting decoders			

## Wekomm Engineering, GmbH CV8=86

Model	Family	Min CV7 value	Max CV7 value	Internal ID
Wekomm_RRR	Wekomm for LSM			

## Wm. K. Walthers, Inc CV8=150

**Model Family Min CV7 value Max CV7 value Internal ID**

## ZTC CV8=132

Model	Family	Min CV7 value	Max CV7 value	Internal ID
ZTC213	ZTC213/213A	0	255	
ZTC213A	ZTC213/213A	0	255	
ZTC213B	ZTC213B	0	255	
ZTC215	ZTC215/215B	0	255	
ZTC215B	ZTC215/215B	0	255	
ZTC 255	ZTC 255	132	132	
ZTC 4007	ZTC 4007	0	0	
ZTC 415	ZTC 415	64	65	

ZTC 471 Small Generic Locomotives	ZTC Sound			471
		64		
ZTC 472 LMS / LNER Locomotives	ZTC Sound			472
		64		
ZTC 473 GWR / SR Locomotives	ZTC Sound			473
		64		
ZTC216B	ZTC Speed Stabilised (B)	0	255	
ZTC226B	ZTC Speed Stabilised (B)	0	255	
ZTC227B	ZTC Speed Stabilised (B)	0	255	
ZTC202	Legacy	0	255	
ZTC203	Legacy	0	255	
ZTC211	Legacy	0	255	
ZTC211A	Legacy	0	255	
ZTC214	Legacy	0	255	
ZTC214A	Legacy	0	255	
ZTC215	Legacy	0	255	
ZTC216	ZTC Speed Stabilised	0	255	
ZTC226	ZTC Speed Stabilised	0	255	

### Zimo CV8=145

Model	Family	Min CV7 value	Max CV7 value	Internal ID
MX61_2000 version 4/10	Zimo Silent BEMF decoders, early model	4	10	
MX61_2000 version 11/17	Zimo Silent BEMF decoders, early model	11	17	
MX61_N	Zimo Silent BEMF decoders, early model	132		
MX620 version 1-3	Zimo MX620	1	4	
MX620 version 5	Zimo MX620	5		
MX620 version 6	Zimo MX620	6		
MX620 version 7-8	Zimo MX620	7	8	
MX620 version 9	Zimo MX620	9		
MX620 version 9.12	Zimo MX620	9		
MX62 version 4/7	Zimo Silent BEMF decoders, late model	4	7	
MX62 version 8	Zimo Silent BEMF decoders, late model	8	8	
MX63 version 6/8	Zimo Silent BEMF decoders, late model	6	8	

MX64(H) version 5/8	Zimo Silent BEMF decoders, late model	5	8	
MX62 version 22+	Zimo Silent BEMF decoders, late model	22	34	
MX63 version 22-30	Zimo Silent BEMF decoders, late model	22	34	
MX64 version 22-30	Zimo Silent BEMF decoders, late model	22	34	
MX64H version 22-30	Zimo Silent BEMF decoders, late model	22	34	
MX64(H) version 3/4	Zimo Silent BEMF decoders, late model	3	4	
MX64(H) version 15+	Zimo Silent BEMF decoders, late model	15	17	
MX640 versions 1-2	Zimo MX640	1	2	
MX640 version 3	Zimo MX640	3		
MX640 version 4	Zimo MX640	4		
MX640 version 4.17	Zimo MX640	4		
MX65L/N	Zimo MX65	20	29	
MX65S/N	Zimo MX65	20	29	
MX65V/N	Zimo MX65	20	29	
MX61_2000	Zimo Silent BEMF decoders, late model	11	15	
MX62_2000	Zimo Silent BEMF decoders, late model	3		
MX66M(V) version 3/11	Zimo Silent BEMF decoders, large scales	3	11	
MX66S version 3/11	Zimo Silent BEMF decoders, large scales	3	11	
MX68(L) version 3	Zimo Function Decoders	3	3	
MX680 version 1-2	Zimo Function Decoders	1	2	
MX680N version 1-2	Zimo Function Decoders	1	2	
MX69L	Zimo MX69 MX690	1	30	
MX69S	Zimo MX69 MX690	1	30	
MX69V	Zimo MX69 MX690	1	30	
MX690S	Zimo MX69 MX690	1	30	
MX690V	Zimo MX69 MX690	1	30	
MX600 version 31+	Zimo Unified software (version 25+)	31	31	199
MX600R version 31+	Zimo Unified software (version 25+)	31	31	199
MX600P12 version 31+	Zimo Unified software (version 25+)	31	31	199
MX618N18 version 31	Zimo Unified software (version 25+)	30	31	243

		25+)			
MX620 version 25+	Zimo Unified software (version 25+)	25	26	201	
MX620N version 25+	Zimo Unified software (version 25+)	25	26	201	
MX620R version 25+	Zimo Unified software (version 25+)	25	26	201	
MX620F version 25+	Zimo Unified software (version 25+)	25	26	201	
MX620 version 27+	Zimo Unified software (version 25+)	27	27	201	
MX620N version 27+	Zimo Unified software (version 25+)	27	27	201	
MX620R version 27+	Zimo Unified software (version 25+)	27	27	201	
MX620F version 27+	Zimo Unified software (version 25+)	27	27	201	
MX620 version 28+	Zimo Unified software (version 25+)	28	30	201	
MX620N version 28+	Zimo Unified software (version 25+)	28	29	201	
MX620R version 28+	Zimo Unified software (version 25+)	28	29	201	
MX620F version 28+	Zimo Unified software (version 25+)	28	29	201	
MX620 version 31	Zimo Unified software (version 25+)	31	31	201	
MX620N version 31	Zimo Unified software (version 25+)	31	31	201	
MX620R version 31	Zimo Unified software (version 25+)	31	31	201	
MX620F version 31	Zimo Unified software (version 25+)	31	31	201	
MX621 version 25+	Zimo Unified software (version 25+)	25	26	223	
MX621N version 25+	Zimo Unified software (version 25+)	25	26	223	
MX621R version 25+	Zimo Unified software (version 25+)	25	26	223	
MX621F version 25+	Zimo Unified software (version 25+)	25	26	223	
MX621 version 27+	Zimo Unified software (version 25+)	27	27	223	
MX621N version 27+	Zimo Unified software (version 25+)	27	27	223	
MX621R version 27+	Zimo Unified software (version 25+)	27	27	223	

MX621F version 27+	Zimo Unified software (version 25+)	27	27	223
MX621 version 28+	Zimo Unified software (version 25+)	28	30	223
MX621N version 28+	Zimo Unified software (version 25+)	28	29	223
MX621R version 28+	Zimo Unified software (version 25+)	28	29	223
MX621F version 28+	Zimo Unified software (version 25+)	28	29	223
MX621 version 31.5	Zimo Unified software (version 31.5+)	31	31	223
MX621F version 31.5	Zimo Unified software (version 31.5+)	31	31	223
MX621N version 31.5	Zimo Unified software (version 31.5+)	31	31	223
MX621R version 31.5	Zimo Unified software (version 31.5+)	31	31	223
MX621 version 31	Zimo Unified software (version 25+)	31	31	223
MX621N version 31	Zimo Unified software (version 25+)	31	31	223
MX621R version 31	Zimo Unified software (version 25+)	31	31	223
MX621F version 31	Zimo Unified software (version 25+)	31	31	223
MX622 version 31	Zimo Unified software (version 25+)	30	31	233
MX622N version 31	Zimo Unified software (version 25+)	30	31	233
MX622R version 31	Zimo Unified software (version 25+)	30	31	233
MX622F version 31	Zimo Unified software (version 25+)	30	31	233
MX623 version 30+	Zimo Unified software (version 25+)	30	31	234
MX623R version 30+	Zimo Unified software (version 25+)	30	31	234
MX623F version 30+	Zimo Unified software (version 25+)	30	31	234
MX623P12 version 30+	Zimo Unified software (version 25+)	30	31	234
MX630 version 25+	Zimo Unified software (version 25+)	25	26	211
MX630R version 25+	Zimo Unified software (version 25+)	25	26	211
MX630F version 25+	Zimo Unified software (version 25+)	25	26	211

		25+)			
MX630P version 25+	Zimo Unified software (version 25+)	25	26	211	
MX630 version 27+	Zimo Unified software (version 25+)	27	27	211	
MX630R version 27+	Zimo Unified software (version 25+)	27	27	211	
MX630F version 27+	Zimo Unified software (version 25+)	27	27	211	
MX630P version 27+	Zimo Unified software (version 25+)	27	27	211	
MX630 version 28+	Zimo Unified software (version 25+)	28	30	211	
MX630R version 28+	Zimo Unified software (version 25+)	28	30	211	
MX630F version 28+	Zimo Unified software (version 25+)	28	30	211	
MX630P version 28+	Zimo Unified software (version 25+)	28	30	211	
MX630 version 31	Zimo Unified software (version 25+)	31	31	211	
MX630R version 31	Zimo Unified software (version 25+)	31	31	211	
MX630F version 31	Zimo Unified software (version 25+)	31	31	211	
MX630P version 31	Zimo Unified software (version 25+)	31	31	211	
MX631C version 25+	Zimo Unified software (version 25+)	25	26	213	
MX631C version 27+	Zimo Unified software (version 25+)	27	27	213	
MX631C version 28+	Zimo Unified software (version 25+)	28	30	213	
MX631C version 31	Zimo Unified software (version 25+)	31	31	213,219	
MX631 version 25+	Zimo Unified software (version 25+)	25	26	213	
MX631R version 25+	Zimo Unified software (version 25+)	25	26	213	
MX631F version 25+	Zimo Unified software (version 25+)	25	26	213	
MX631 version 27+	Zimo Unified software (version 25+)	27	27	213	
MX631R version 27+	Zimo Unified software (version 25+)	27	27	213	
MX631F version 27+	Zimo Unified software (version 25+)	27	27	213	

MX631 version 28+	Zimo Unified software (version 25+)	28	30	213
MX631R version 28+	Zimo Unified software (version 25+)	28	30	213
MX631F version 28+	Zimo Unified software (version 25+)	28	30	213
MX631 version 31	Zimo Unified software (version 25+)	31	31	213,219
MX631R version 31	Zimo Unified software (version 25+)	31	31	213,219
MX631F version 31	Zimo Unified software (version 25+)	31	31	213,219
MX632C version 25+	Zimo Unified software (version 25+)	25	26	212
MX632C version 27+	Zimo Unified software (version 25+)	27	27	212
MX632C version 28+	Zimo Unified software (version 25+)	28	30	212
MX632C version 31	Zimo Unified software (version 25+)	31	31	212,220
MX632 version 25+	Zimo Unified software (version 25+)	25	26	212
MX632R version 25+	Zimo Unified software (version 25+)	25	26	212
MX632D version 25+	Zimo Unified software (version 25+)	25	26	212
MX632V version 25+	Zimo Unified software (version 25+)	25	26	212
MX632VD version 25+	Zimo Unified software (version 25+)	25	26	212
MX632W version 25+	Zimo Unified software (version 25+)	25	26	212
MX632WD version 25+	Zimo Unified software (version 25+)	25	26	212
MX632 version 27+	Zimo Unified software (version 25+)	27	27	212
MX632R version 27+	Zimo Unified software (version 25+)	27	27	212
MX632D version 27+	Zimo Unified software (version 25+)	27	27	212
MX632V version 27+	Zimo Unified software (version 25+)	27	27	212
MX632VD version 27+	Zimo Unified software (version 25+)	27	27	212
MX632W version 27+	Zimo Unified software (version 25+)	27	27	212
MX632WD version	Zimo Unified software (version 25+)	27	27	212

27+	25+)			
MX632 version 28+	Zimo Unified software (version 25+)	28	30	212
MX632R version 28+	Zimo Unified software (version 25+)	28	30	212
MX632D version 28+	Zimo Unified software (version 25+)	28	30	212
MX632V version 28+	Zimo Unified software (version 25+)	28	30	212
MX632VD version 28+	Zimo Unified software (version 25+)	28	30	212
MX632W version 28+	Zimo Unified software (version 25+)	28	30	212
MX632WD version 28+	Zimo Unified software (version 25+)	28	30	212
MX632 version 31	Zimo Unified software (version 25+)	31	31	212,220
MX632R version 31	Zimo Unified software (version 25+)	31	31	212,220
MX632D version 31	Zimo Unified software (version 25+)	31	31	212,220

MX632V version 31	Zimo Unified software (version 25+)	31	31	212,220
MX632VD version 31	Zimo Unified software (version 25+)	31	31	212,220
MX632W version 31	Zimo Unified software (version 25+)	31	31	212,220
MX632WD version 31	Zimo Unified software (version 25+)	31	31	212,220
MX633 version 25+	Zimo Unified software (version 25+)	30	31	237
MX633R version 25+	Zimo Unified software (version 25+)	30	31	237
MX633P22 version 25+	Zimo Unified software (version 25+)	30	31	237
MX634C version 25+	Zimo Unified software (version 25+)	30	31	240
MX634 version 25+	Zimo Unified software (version 25+)	30	31	240
MX634R version 25+	Zimo Unified software (version 25+)	30	31	240
MX634F version 25+	Zimo Unified software (version 25+)	30	31	240
MX634D version 25+	Zimo Unified software (version 25+)	30	31	240
MX640 version 25+	Zimo Unified software (version 25+)	25	26	210
MX640R version 25+	Zimo Unified software (version 25+)	25	26	210
MX640F version 25+	Zimo Unified software (version 25+)	25	26	210
MX640D version 25+	Zimo Unified software (version 25+)	25	26	210
MX640C version 25+	Zimo Unified software (version 25+)	25	26	210
MX640 version 27+	Zimo Unified software (version 25+)	27	27	210
MX640R version 27+	Zimo Unified software (version 25+)	27	27	210
MX640F version 27+	Zimo Unified software (version 25+)	27	27	210
MX640D version 27+	Zimo Unified software (version 25+)	27	27	210
MX640C version 27+	Zimo Unified software (version 25+)	27	27	210
MX640 version 28+	Zimo Unified software (version 25+)	28	29	210





MX646N version 28+	Zimo Unified software (version 25+)	28 29	217
MX648 version 28+	Zimo Unified software (version 25+)	28 29	225
MX648R version 28+	Zimo Unified software (version 25+)	28 29	225
MX648F version 28+	Zimo Unified software (version 25+)	28 29	225
MX648N version 28+	Zimo Unified software (version 25+)	28 29	225
MX648 version 30+	Zimo Unified software (version 25+)	30 30	225,249
MX648R version 30+	Zimo Unified software (version 25+)	30 30	225,249
MX648F version 30+	Zimo Unified software (version 25+)	30 30	225,249
MX648N version 30+	Zimo Unified software (version 25+)	30 30	225,249
MX64D version 25+	Zimo Unified software (version 25+)	25 26	206
MX64D version 27+	Zimo Unified software (version 25+)	27 27	206
MX64D version 28+	Zimo Unified software (version 25+)	28 30	206
MX64D version 31	Zimo Unified software (version 25+)	31 31	206
MX690S version 25+	Zimo Unified software (version 25+)	25 26	208
MX690S version 27+	Zimo Unified software (version 25+)	27 27	208
MX690S version 28+	Zimo Unified software (version 25+)	28 29	208
MX690S version 30+	Zimo Unified software (version 25+)	30 35	208
MX690V version 25+	Zimo Unified software (version 25+)	25 26	208
MX690V version 27+	Zimo Unified software (version 25+)	27 27	208
MX690V version 28+	Zimo Unified software (version 25+)	28 29	208
MX690V version 30+	Zimo Unified software (version 25+)	30 35	208
MX695KN version 30+	Zimo Unified software (version 25+)	30 31	224
MX695S version 30+	Zimo Unified software (version 25+)	30 31	224
MX695KS version 30+	Zimo Unified software (version 25+)	30 31	224
MX695LS version 30+	Zimo Unified software (version 25+)	30 31	224
MX695V version 30+	Zimo Unified software (version 25+)	30 31	224
MX695KV version 30+	Zimo Unified software (version 25+)	30 31	224
MX695LV version 30+	Zimo Unified software (version 25+)	30 31	224
MX69L version 25+	Zimo Unified software (version 25+)	25 26	209
MX69L version 27+	Zimo Unified software (version 25+)	27 27	209
MX69L version 28+	Zimo Unified software (version 25+)	28 30	209
MX69L version 31	Zimo Unified software (version 25+)	31 31	209
MX69S version 25+	Zimo Unified software (version 25+)	25 26	209
MX69S version 27+	Zimo Unified software (version 25+)	27 27	209
MX69S version 28+	Zimo Unified software (version 25+)	28 30	209
MX69S version 31	Zimo Unified software (version 25+)	31 31	209
MX69V version 25+	Zimo Unified software (version 25+)	25 26	209
MX69V version 27+	Zimo Unified software (version 25+)	27 27	209
MX69V version 28+	Zimo Unified software (version 25+)	28 30	209
MX69V version 31	Zimo Unified software (version 25+)	31 31	209
MX681 version 30+	Zimo Function Decoders	30 30	228
MX681R version 30+	Zimo Function Decoders	30 30	228
MX681N version 30+	Zimo Function Decoders	30 30	228

MX681 version 31.5+	Zimo Function Decoders	31 31	228
MX681R version 31.5+	Zimo Function Decoders	31 31	228
MX681N version 31.5+	Zimo Function Decoders	31 31	228
MX633 version 32+	Zimo Unified software (version 32+)	32 32	237
MX633R version 32+	Zimo Unified software (version 32+)	32 32	237
MX633P22 version 32+	Zimo Unified software (version 32+)	32 32	237
MX634 version 32+	Zimo Unified software (version 32+)	32 32	240
MX634R version 32+	Zimo Unified software (version 32+)	32 32	240
MX634F version 32+	Zimo Unified software (version 32+)	32 32	240
MX634D version 32+	Zimo Unified software (version 32+)	32 32	240
MX634C version 32+	Zimo Unified software (version 32+)	32 36	240
MX640 version 32+	Zimo Unified software (version 32+)	32 35	210
MX640R version 32+	Zimo Unified software (version 32+)	32 35	210
MX640F version 32+	Zimo Unified software (version 32+)	32 35	210
MX640D version 32+	Zimo Unified software (version 32+)	32 35	210
MX640C version 32+	Zimo Unified software (version 32+)	32 35	210
MX644 version 32+	Zimo Unified software (version 32+)	32 32	222
MX644C version 32+	Zimo Unified software (version 32+)	32 32	222
MX644D version 32+	Zimo Unified software (version 32+)	32 32	222
MX645 version 32+	Zimo Unified software (version 32+)	32 35	221
MX645R version 32+	Zimo Unified software (version 32+)	32 35	221
MX645F version 32+	Zimo Unified software (version 32+)	32 35	221
MX645P22 version 32+	Zimo Unified software (version 32+)	32 35	221
MX646 version 32+	Zimo Unified software (version 32+)	32 35	217
MX646R version 32+	Zimo Unified software (version 32+)	32 35	217
MX646F version 32+	Zimo Unified software (version 32+)	32 35	217
MX646N version 32+	Zimo Unified software (version 32+)	32 35	217
MX647 version 32+	Zimo Unified software (version 32+)	32 42	216
MX647N version 32+	Zimo Unified software (version 32+)	32 42	216
MX647L version 32+	Zimo Unified software (version 32+)	32 42	216
MX648 version 33+	Zimo Unified software (version 32+)	33 33	225
MX648R version 33+	Zimo Unified software (version 32+)	33 33	225
MX648F version 33+	Zimo Unified software (version 32+)	33 33	225
MX648N version 33+	Zimo Unified software (version 32+)	33 33	225
MX648 version 32+	Zimo Unified software (version 32+)	32 32	225
MX648R version 32+	Zimo Unified software (version 32+)	32 32	225
MX648F version 32+	Zimo Unified software (version 32+)	32 32	225
MX648N version 32+	Zimo Unified software (version 32+)	32 32	225
MX649 version 32+	Zimo Unified software (version 32+)	32 32	253
MX649R version 32+	Zimo Unified software (version 32+)	32 32	253
MX649F version 32+	Zimo Unified software (version 32+)	32 32	253
MX649N version 32+	Zimo Unified software (version 32+)	32 32	253
MX649L version 32+	Zimo Unified software (version 32+)	32 32	253

MX658N18 version 32+	Zimo Unified software (version 32+)	32 32	246
MX685 version 32+	Zimo Function Decoders	32 32	226
MX685P16 version 32+	Zimo Function Decoders	32 32	226
MX685R version 32+	Zimo Function Decoders	32 32	226
MX695KN version 32+	Zimo Unified software (version 32+)	32 42	229
MX696N version 32+	Zimo Unified software (version 32+)	32 42	231
MX695KV version 32+	Zimo Unified software (version 32+)	32 42	224,227
MX695LV version 32+	Zimo Unified software (version 32+)	32 42	224,227
MX695KS version 32+	Zimo Unified software (version 32+)	32 42	224,227
MX695LS version 32+	Zimo Unified software (version 32+)	32 42	224,227
MX696V version 32+	Zimo Unified software (version 32+)	32 42	230
MX696KV version 32+	Zimo Unified software (version 32+)	32 42	230
MX697V version 32+	Zimo Unified software (version 32+)	32 42	245
MX697S version 32+	Zimo Unified software (version 32+)	32 42	245
MX699KV version 32+	Zimo Unified software (version 32+)	32 42	250
MX699KS version 32+	Zimo Unified software (version 32+)	32 42	250
MX699LV version 32+	Zimo Unified software (version 32+)	32 42	250
MX699LM version 32+	Zimo Unified software (version 32+)	32 42	250
MX699LS version 32+	Zimo Unified software (version 32+)	32 42	250
MX644 version 34+	Zimo Unified software (version 34+)	34 35	222
MX645 version 34+	Zimo Unified software (version 34+)	34 35	221
MX645R version 34+	Zimo Unified software (version 34+)	34 35	221
MX645F version 34+	Zimo Unified software (version 34+)	34 35	221
MX645P22 version 34+	Zimo Unified software (version 34+)	34 35	221
MX646 version 34+	Zimo Unified software (version 34+)	34 35	217
MX646R version 34+	Zimo Unified software (version 34+)	34 35	217
MX646F version 34+	Zimo Unified software (version 34+)	34 35	217
MX646N version 34+	Zimo Unified software (version 34+)	34 35	217
MX648 version 34+	Zimo Unified software (version 34+)	34 34	225
MX648R version 34+	Zimo Unified software (version 34+)	34 34	225
MX648F version 34+	Zimo Unified software (version 34+)	34 34	225
MX648N version 34+	Zimo Unified software (version 34+)	34 34	225
MX658N18 version 34+	Zimo Unified software (version 34+)	34 35	246
MX644 version 36+	Zimo Unified software (version 36+)	36 36	222
MX645 version 36+	Zimo Unified software (version 36+)	36 36	221
MX645R version 36+	Zimo Unified software (version 36+)	36 36	221
MX645F version 36+	Zimo Unified software (version 36+)	36 36	221
MX645P22 version 36+	Zimo Unified software (version 36+)	36 36	221
MX646 version 36+	Zimo Unified software (version 36+)	36 40	217
MX646R version 36+	Zimo Unified software (version 36+)	36 40	217
MX646F version 36+	Zimo Unified software (version 36+)	36 40	217
MX646N version 36+	Zimo Unified software (version 36+)	36 40	217
MX648 version 36+	Zimo Unified software (version 36+)	36 36	225

MX648R version 36+	Zimo Unified software (version 36+)	36 36	225
MX648F version 36+	Zimo Unified software (version 36+)	36 36	225
MX648N version 36+	Zimo Unified software (version 36+)	36 36	225
MX658N18 version 36+	Zimo Unified software (version 36+)	36 36	246
MX600 version 37+	Zimo Unified software (version 37+)	37 37	199
MX600P12 version 37+	Zimo Unified software (version 37+)	37 37	199
MX600R version 37+	Zimo Unified software (version 37+)	37 37	199
MX616 version 37+	Zimo Unified software (version 37+)	37 37	195
MX616N version 37+	Zimo Unified software (version 37+)	37 37	195
MX616R version 37+	Zimo Unified software (version 37+)	37 37	195
MX617 version 37+	Zimo Unified software (version 37+)	37 37	197
MX617F version 37+	Zimo Unified software (version 37+)	37 37	197
MX617N version 37+	Zimo Unified software (version 37+)	37 37	197
MX617R version 37+	Zimo Unified software (version 37+)	37 37	197
MX618N18 version 37+	Zimo Unified software (version 37+)	37 37	243
MX620 version 37+	Zimo Unified software (version 37+)	37 37	201
MX620F version 37+	Zimo Unified software (version 37+)	37 37	201
MX620N version 37+	Zimo Unified software (version 37+)	37 37	201
MX620R version 37+	Zimo Unified software (version 37+)	37 37	201
MX622 version 37+	Zimo Unified software (version 37+)	37 37	233
MX622F version 37+	Zimo Unified software (version 37+)	37 37	233
MX622N version 37+	Zimo Unified software (version 37+)	37 37	233
MX622R version 37+	Zimo Unified software (version 37+)	37 37	233
MX623 version 37+	Zimo Unified software (version 37+)	37 37	234
MX623F version 37+	Zimo Unified software (version 37+)	37 37	234
MX623P12 version 37+	Zimo Unified software (version 37+)	37 37	234
MX623R version 37+	Zimo Unified software (version 37+)	37 37	234
MX630 version 37+	Zimo Unified software (version 37+)	37 37	130,211,218
MX630F version 37+	Zimo Unified software (version 37+)	37 37	130,211,218
MX630P16 version 37+	Zimo Unified software (version 37+)	37 37	130,211,218
MX630R version 37+	Zimo Unified software (version 37+)	37 37	130,211,218
MX633 version 37+	Zimo Unified software (version 37+)	37 37	237
MX633F version 37+	Zimo Unified software (version 37+)	37 37	237
MX633P16 version 37+	Zimo Unified software (version 37+)	37 37	237
MX633P22 version 37+	Zimo Unified software (version 37+)	37 37	237
MX633R version 37+	Zimo Unified software (version 37+)	37 37	237
MX634 version 37+	Zimo Unified software (version 37+)	37 37	240
MX634C version 37+	Zimo Unified software (version 37+)	37 37	240
MX634D version 37+	Zimo Unified software (version 37+)	37 37	240
MX634F version 37+	Zimo Unified software (version 37+)	37 37	240
MX634R version 37+	Zimo Unified software (version 37+)	37 37	240
MX635 version 37+	Zimo Unified software (version 37+)	37 37	135
MX635P22 version 37+	Zimo Unified software (version 37+)	37 37	135

MX635R version 37+	Zimo Unified software (version 37+) 37 37	135
MX635V version 37+	Zimo Unified software (version 37+) 37 37	135
MX635VP version 37+	Zimo Unified software (version 37+) 37 37	135
MX636C version 37+	Zimo Unified software (version 37+) 37 37	136
MX636D version 37+	Zimo Unified software (version 37+) 37 37	136
MX636VC version 37+	Zimo Unified software (version 37+) 37 37	136
MX636VD version 37+	Zimo Unified software (version 37+) 37 37	136
MX637P22 version 37+	Zimo Unified software (version 37+) 37 37	137
MX638C version 37+	Zimo Unified software (version 37+) 37 37	193
MX638D version 37+	Zimo Unified software (version 37+) 37 37	193
MX644C version 37+	Zimo Unified software (version 37+) 37 37	222
MX644D version 37+	Zimo Unified software (version 37+) 37 37	222
MX645 version 37+	Zimo Unified software (version 37+) 37 37	221
MX645F version 37+	Zimo Unified software (version 37+) 37 37	221
MX645P16 version 37+	Zimo Unified software (version 37+) 37 37	221
MX645P22 version 37+	Zimo Unified software (version 37+) 37 37	221
MX645R version 37+	Zimo Unified software (version 37+) 37 37	221
MX648 version 37+	Zimo Unified software (version 37+) 37 37	225
MX648F version 37+	Zimo Unified software (version 37+) 37 37	225
MX648P16 version 37+	Zimo Unified software (version 37+) 37 37	225
MX648R version 37+	Zimo Unified software (version 37+) 37 37	225
MX648 Rev. C,D version 37+	Zimo Unified software (version 37+) 37 37	249
MX648F Rev. C,D version 37+	Zimo Unified software (version 37+) 37 37	249
MX648P16 Rev. C,D version 37+	Zimo Unified software (version 37+) 37 37	249
MX648R Rev. C,D version 37+	Zimo Unified software (version 37+) 37 37	249
MX649 version 37+	Zimo Unified software (version 37+) 37 37	253
MX649F version 37+	Zimo Unified software (version 37+) 37 37	253
MX649L version 37+	Zimo Unified software (version 37+) 37 37	253
MX649N version 37+	Zimo Unified software (version 37+) 37 37	253
MX649R version 37+	Zimo Unified software (version 37+) 37 37	253
MX658N18 version 37+	Zimo Unified software (version 37+) 37 37	246
MX659N18 version 37+	Zimo Unified software (version 37+) 37 37	190
MX600 version 39+	Zimo Unified software (version 39+) 39 40	166,199
MX600P12 version 39+	Zimo Unified software (version 39+) 39 40	166,199
MX600R version 39+	Zimo Unified software (version 39+) 39 40	166,199
MX616 version 39+	Zimo Unified software (version 39+) 39 40	195
MX616N version 39+	Zimo Unified software (version 39+) 39 40	195
MX616R version 39+	Zimo Unified software (version 39+) 39 40	195
MX617 version 39+	Zimo Unified software (version 39+) 39 40	177,197
MX617F version 39+	Zimo Unified software (version 39+) 39 40	177,197
MX617N version 39+	Zimo Unified software (version 39+) 39 40	177,197
MX617R version 39+	Zimo Unified software (version 39+) 39 40	177,197
MX618N18 version 39+	Zimo Unified software (version 39+) 39 40	181,243

MX620 version 39+	Zimo Unified software (version 39+) 39 40	201
MX620F version 39+	Zimo Unified software (version 39+) 39 40	201
MX620N version 39+	Zimo Unified software (version 39+) 39 40	201
MX620R version 39+	Zimo Unified software (version 39+) 39 40	201
MX622 version 39+	Zimo Unified software (version 39+) 39 40	192,233
MX622F version 39+	Zimo Unified software (version 39+) 39 40	192,233
MX622N version 39+	Zimo Unified software (version 39+) 39 40	192,233
MX622R version 39+	Zimo Unified software (version 39+) 39 40	192,233
MX623 version 39+	Zimo Unified software (version 39+) 39 40	234
MX623F version 39+	Zimo Unified software (version 39+) 39 40	234
MX623P12 version 39+	Zimo Unified software (version 39+) 39 40	234
MX623R version 39+	Zimo Unified software (version 39+) 39 40	234
MX630 version 39+	Zimo Unified software (version 39+) 39 40	130,211,218
MX630F version 39+	Zimo Unified software (version 39+) 39 40	130,211,218
MX630P16 version 39+	Zimo Unified software (version 39+) 39 40	130,211,218
MX630R version 39+	Zimo Unified software (version 39+) 39 40	130,211,218
MX631 version 39+	Zimo Unified software (version 39+) 39 40	213,219
MX631R version 39+	Zimo Unified software (version 39+) 39 40	213,219
MX631F version 39+	Zimo Unified software (version 39+) 39 40	213,219
MX632 version 39+	Zimo Unified software (version 39+) 39 40	212,220
MX632R version 39+	Zimo Unified software (version 39+) 39 40	212,220
MX632D version 39+	Zimo Unified software (version 39+) 39 40	212,220
MX632V version 39+	Zimo Unified software (version 39+) 39 40	212,220
MX632VD version 39+	Zimo Unified software (version 39+) 39 40	212,220
MX632W version 39+	Zimo Unified software (version 39+) 39 40	212,220
MX632WD version 39+	Zimo Unified software (version 39+) 39 40	212,220
MX633 version 39+	Zimo Unified software (version 39+) 39 40	133,237
MX633F version 39+	Zimo Unified software (version 39+) 39 40	133,237
MX633P16 version 39+	Zimo Unified software (version 39+) 39 40	133,237
MX633P22 version 39+	Zimo Unified software (version 39+) 39 40	133,237
MX633R version 39+	Zimo Unified software (version 39+) 39 40	133,237
MX634 version 39+	Zimo Unified software (version 39+) 39 40	134,240
MX634C version 39+	Zimo Unified software (version 39+) 39 40	134,240
MX634D version 39+	Zimo Unified software (version 39+) 39 40	134,240
MX634F version 39+	Zimo Unified software (version 39+) 39 40	134,240
MX634R version 39+	Zimo Unified software (version 39+) 39 40	134,240
MX635 version 39+	Zimo Unified software (version 39+) 39 40	135
MX635P22 version 39+	Zimo Unified software (version 39+) 39 40	135
MX635R version 39+	Zimo Unified software (version 39+) 39 40	135
MX635V version 39+	Zimo Unified software (version 39+) 39 40	135
MX635VP version 39+	Zimo Unified software (version 39+) 39 40	135
MX636C version 39+	Zimo Unified software (version 39+) 39 40	136
MX636D version 39+	Zimo Unified software (version 39+) 39 40	136

MX636VC version 39+	Zimo Unified software (version 39+)	39 40	136
MX636VD version 39+	Zimo Unified software (version 39+)	39 40	136
MX637P22 version 39+	Zimo Unified software (version 39+)	39 40	137
MX638C version 39+	Zimo Unified software (version 39+)	39 40	193
MX638D version 39+	Zimo Unified software (version 39+)	39 40	193
MX64D version 39+	Zimo Unified software (version 39+)	39 40	206
MX644C version 39+	Zimo Unified software (version 39+)	39 40	222
MX644D version 39+	Zimo Unified software (version 39+)	39 40	222
MX645 version 39+	Zimo Unified software (version 39+)	39 40	221
MX645F version 39+	Zimo Unified software (version 39+)	39 40	221
MX645P16 version 39+	Zimo Unified software (version 39+)	39 40	221
MX645P22 version 39+	Zimo Unified software (version 39+)	39 40	221
MX645R version 39+	Zimo Unified software (version 39+)	39 40	221
MX648 version 39+	Zimo Unified software (version 39+)	39 40	225
MX648F version 39+	Zimo Unified software (version 39+)	39 40	225
MX648P16 version 39+	Zimo Unified software (version 39+)	39 40	225
MX648R version 39+	Zimo Unified software (version 39+)	39 40	225
MX648 Rev. C,D version 39+	Zimo Unified software (version 39+)	39 40	249
MX648F Rev. C,D version 39+	Zimo Unified software (version 39+)	39 40	249
MX648P16 Rev. C,D version 39+	Zimo Unified software (version 39+)	39 40	249
MX648R Rev. C,D version 39+	Zimo Unified software (version 39+)	39 40	249
MX649 version 39+	Zimo Unified software (version 39+)	39 40	253
MX649F version 39+	Zimo Unified software (version 39+)	39 40	253
MX649L version 39+	Zimo Unified software (version 39+)	39 40	253
MX649N version 39+	Zimo Unified software (version 39+)	39 40	253
MX649R version 39+	Zimo Unified software (version 39+)	39 40	253
MX658N18 version 39+	Zimo Unified software (version 39+)	39 40	246
MX659N18 version 39+	Zimo Unified software (version 39+)	39 40	190

## csikos-muhely CV8=120

Model	Family	Min CV7 value	Max CV7 value	Internal ID
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## drM CV8=164

Model	Family	Min CV7 value	Max CV7 value	Internal ID
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