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## PRODUCT SELECTION CHART



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Code Series	D310-211E DL169-IN-B	D320-211E DL433-IN-B	D340-211E DL868-IN-B	D341-211E DL868H-IN-B	D440-406E RADIANT868	D510-611E HPDL169-IN-B	D540-611E HPDL868-IN-B	D110-711E RMO169-IN-B	D161-711E RMO436-IN-B	D160-711E RMO400-IN-B	D230-711E RT150-M-B	D260-711E RT400-M-B
Europe free use	✓	✓	✓	✓	✓	✓	✓	✓				
National authorization required									IN ITALY	✓	✓	✓
Availability OEM module	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Embedded radio modem	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Frequency Band [MHz]	169	433	868	868	868	169	868	169	436	430-470	156-174	440-470
Canalisation [kHz]	12.5-25	12.5-25	12.5-25	12.5-25	12.5-25	12.5-25-50	25-50	12.5	12.5	12.5	12.5	12.5
Configuration SW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Configuration HW												
Max rf power [mW]	200	10	25	500	500	500	500	500 (2000)	500 (2000)	2000	10000	10000
Software settable power	✓		AUTOMATIC	AUTOMATIC	AUTOMATIC	OK	AUTOMATIC				✓	✓
Class of Receiver o LPD	2	2	2	2	2	1	2	1	1			
Sensitivity [dBm]	-107	-105	-107	-107	-107	-110	-105	-110	-105	-105	-110	-110
Blocking 3 MHz	76	64	67	92	92	107	104	87	84	84	84	88
Bit rate radio max	9600	9600	9600	9600	9600	19200	19200	3600	3600	3600	3600	3600
Internal antenna					✓							
Dedicated antennas	✓	✓	✓	✓		✓	✓	✓	✓	✓		
All antennas										✓	✓	✓
Antenna connection	BNC	BNC	BNC	BNC		BNC	BNC	BNC	BNC	BNC	BNC	BNC
Realistic distance optimal installation [km]	15	2	2	10	10	20	10	20	15	25	45	40
Serial port RS	232   485	232   485	232   485	232   485	485	485	485	232   485	232   485	232   485	232   485	232   485
Serial port TTL												
Data rate serial port max	38400	38400	38400	38400	38400	57600	57600	38400	38400	38400	38400	38400
RTS/CTS	✓	✓	✓	✓				✓	✓	✓	✓	✓
Transparent mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Addressed mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Digipeater mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Internal routing table						✓	✓					
SW configuration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HW configuration												
Power saving	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Retries & ACK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LBT&Agility	✓	✓	✓	✓	✓	✓	✓					
Digital input	1	1	1	1		4	4				1	1
Digital output	1	1	1	1		2	2				1	1
Analog inp. 4-20 mA						2	2					
Analog out. 4-20 mA						2	2					
Counter inp.						1	1					
Supply led	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transmission led	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Configuration led	✓	✓	✓	✓	✓	✓	✓				✓	✓
Power supply [VDC]	8-32	8-32	8-32	8-32	8-32	8-32	8-32	11-13.5	11-13.5	11-13.5	11-13.5	11-13.5
Battery dedicated input						✓	✓					
Max current [mA]	295@8VDC	295@8VDC	295@8VDC	500@8VDC	500@8VDC	3.3A@3.6VDC	3.3A@3.6VDC	350	350	700	2.5	3.5
Operating temp. [°C]	-30 +70	-30 +70	-30 +70	-30 +70	-30 +70	-30 +70	-30 +70	-20 +60	-20 +60	-20 +60	-20 +60	-20 +60
Housing dimension [mm]	100x90x40	100x90x40	100x90x40	100x90x40	40x410	132x106x46	132x106x46	151x68x28	151x68x28	151x68x28	205x71x24	205x71x24

