

RTCU Products - Feature chart

RTCU - Products 2012-1																																																						
Product Name	Microprocessor	Length x Width x Height in mm	Encapsulation Type	Ingress Protection	All interfaces externally accessible	X32-Generation	X32-Enhanced Memory Support	Very fast execution (48 Mhz)	Quad Band GSM (850/900/1800/1900 Mhz)	Dual Band GSM	Gemalto M2M SIM chip	RF ISM Communication (868 Mhz)	GPS-Receiver. 50-channels high-sensitivity	Super-GPS-Receiver. 66-channels Ultra High Sensitivity GPS Support (LCP/PP, UDP/PP, RTCU gateway compatible).	Interactive Voice Response (IVR) / DTMF	Number of Digital Inputs	Number of Digital Outputs (Solid State)	Number of Digital Outputs (Relay)	Number of Analog Inputs	Number of Analog Outputs	IEC62083-3:1 input support (50)	I/O Expandable with MODBUS modules	Headset connector externally accessible	1-Wire support (Button, Temperature sensors etc.)	Real-time Clock	Number of DIP-Switches available to the application	SD-CARD support with FAT File-system. 8 GB Capacity	Internal Flash-drive with FAT32 file-system (512 KB)	Vibration sensor	Advanced 3D-G-Sensor	Temperature sensor	Piezo Buzzer	Full CAN 2.0B Controller	Number of LED Indicators Total / User / System	Power Supply	Internal Battery back-up	Advanced Power-management	Memory for Operating System / Firmware (Flash)	Memory for Operating System / Firmware (RAM)	Memory for VPL-programs (Flash)	Memory for Voice-messages (Flash)	Memory for Datalogging (Flash)	Factory installed flash expansion (8 MB)	High-Performance Flash Memory (FRAM) (No Write Endurance Limitations)	Memory for VPL user variables (RAM)	Number of Serial RS232 channels	RS485 (Standard / Optional)	Service port USB / RS232	Garmin Fleet Management/ Navigation Enabled	Expandable: Mobile Data Terminal	Expandable: Wi-Fi/LAN, Bluetooth, Camera	Full graphical LCD-Display with backlight.	Approvals	
RTCX MX2i pro+	ARM7 32 Bit 48 Mhz	91 x 31 x 131	Aluminum	IP30	•	•	•	•	•	-	-	-	•	•	•	5	4	-	2	-	-	•	•	•	•	2	•	•	•	•	•	•	•	7/4/3	8-36V DC	•	•	1416 KB	832 KB	up to 640 KB	182 sek.	512 KB	•	8KB	128 KB	2	0 / 1	RS	•	•	•	•	•	e1/E1 CE EN-50081-1 EN-61000-6-2
RTCX MX2i pro	ARM7 32 Bit 48 Mhz	91 x 31 x 131	Aluminum	IP30	•	•	•	•	•	-	-	-	•	•	•	5	4	-	2	-	-	•	•	•	•	2	•	•	•	•	•	•	•	7/4/3	8-36V DC	•	•	1416 KB	832 KB	up to 640 KB	182 sek.	512 KB	-	8KB	128 KB	2	0 / 1	RS	•	•	•	•	•	e1/E1 CE EN-50081-1 EN-61000-6-2
RTCX MX2i eco+	ARM7 32 Bit 48 Mhz	91 x 31 x 131	Aluminum	IP40	•	•	•	•	•	-	-	•	-	•	-	5	4	-	2	-	-	-	-	•	•	-	-	•	•	•	•	-	-	7/4/3	8-36V DC	•	•	1416 KB	832 KB	up to 640 KB	-	512 KB	-	8KB	128 KB	1	0 / 1	RS	-	•	-	-	e1/E1 CE EN-50081-1 EN-61000-6-2	
RTCX CX1 pro	ARM7 32 Bit 48 Mhz	92x 30 x 58	Plastic	IP66	-	•	•	•	•	-	•	•	-	•	•	-	2	-	1	-	-	-	-	-	•	-	•	•	•	•	•	•	•	5/2/3	8-36V DC	•	•	1416 KB	832 KB	up to 640 KB	-	512 KB	-	8KB	128 KB	1	-	USB	•	•	•	-	-	E1 CE EN-50081-1 EN-61000-6-2
RTCX CX1 pro-c	ARM7 32 Bit 48 Mhz	92x 30 x 58	Plastic	IP66	-	•	•	•	•	-	•	•	-	•	•	-	2	2	-	1	-	-	-	-	•	-	•	•	•	•	•	•	•	5/2/3	8-36V DC	•	•	1416 KB	832 KB	up to 640 KB	-	512 KB	-	8KB	128 KB	-	-	USB	-	-	-	-	-	E1 CE EN-50081-1 EN-61000-6-2
RTCX CX1 flex (standard)	ARM7 32 Bit 48 Mhz	92x 30 x 58	Plastic	IP66	-	•	-	•	-	•	•	-	-	•	•	-	1	-	-	-	-	-	-	-	•	-	-	•	•	•	•	•	•	5/2/3	8-36V DC	•	•	1416 KB	832 KB	up to 640 KB	-	512 KB	-	VFRAM 8KB	128 KB	-	-	USB	-	•	-	-	-	E1 CE EN-50081-1 EN-61000-6-2
RTCX CX1 flex (all options)	ARM7 32 Bit 48 Mhz	92x 30 x 58	Plastic	IP66	-	•	•	•	•	-	•	•	-	•	•	-	2	2	-	1	-	-	-	-	•	-	-	•	•	•	•	•	•	5/2/3	8-36V DC	•	•	1416 KB	832 KB	up to 640 KB	-	512 KB	-	VFRAM 8KB	128 KB	1	-	USB	•	•	•	-	-	E1 CE EN-50081-1 EN-61000-6-2
RTCX DX4 pro	ARM7 32 Bit 48 Mhz	157 x 58 x 86	M36 DIN (plastic)	IP20	•	•	•	•	•	-	•	•	-	•	•	8	8	-	4	4	•	•	-	•	•	3	•	•	•	•	•	•	•	7/4/3	8-36V DC	•	•	1416 KB	832 KB	up to 640 KB	182 sek.	512 KB	-	8KB	128 KB	2	1 / 1	RS	-	•	•	•	•	CE 2004/108/EU EN-61000-6-2 EN-61000-6-3
RTCX DX4 eco	ARM7 32 Bit 48 Mhz	157 x 58 x 86	M36 DIN (plastic)	IP20	-	•	•	•	•	-	•	•	-	•	•	8	8	-	4	4	•	•	-	•	•	-	-	•	•	•	•	•	•	7/4/3	8-36V DC	•	•	1416 KB	832 KB	up to 640 KB	-	512 KB	-	8KB	128 KB	1	1 / 1	RS	-	-	-	-	-	CE 2004/108/EU EN-61000-6-2 EN-61000-6-3
RTCX AX9 pro	ARM7 32 Bit 48 Mhz	130 x 180 x 50	Plastic	IP67	-	•	•	•	•	-	•	•	-	•	•	5	-	4	4	4	•	•	-	•	•	3	•	•	•	•	•	•	•	7/4/3	8-36V DC 85-265VAC	•	•	1416 KB	832 KB	up to 640 KB	182 sek.	512 KB	-	8KB	128 KB	2	1 / 1	USB	-	•	•	-	-	CE 2004/108/EU EN-61000-6-2 EN-61000-6-3
RTCX AX9 eco	ARM7 32 Bit 48 Mhz	130 x 180 x 50	Plastic	IP67	-	•	-	•	•	-	•	•	-	•	•	5	-	4	2	-	•	opt.	-	•	•	3	-	•	•	•	•	•	7/4/3	8-36V DC 85-265VAC	•	•	1416 KB	832 KB	up to 640 KB	182 sek.	512 KB	-	8KB	128 KB	1	0 / 1	USB	-	•	-	-	-	CE 2004/108/EU EN-61000-6-2 EN-61000-6-3	