

データロガーのSerial通信電圧仕様

通信ロジックをプログラム内で選択可能
通信ロジックは固定

	CR1000X	CR6	CR300 series	CR1000	CR800	CR3000
UART : High = 1 , Low = 0						
TTL						
Port	COM1-4	COM1-2,COMU1-U11	non	COM1-4	COM1-2	COM1-4
Output	High = +5V Typical Low = +0V Typical	High = +5V Typical Low = +0V Typical		High = +5V Typical Low = +0V Typical	High = +5V Typical Low = +0V Typical	High = +5V Typical Low = +0V Typical
Input	High > +3.5 Typical Low < +1.5 Typical	High > +3.5 Typical Low < +1.5 Typical		High > +3.8 Typical Low < +1.2 Typical	High > +3.8 Typical Low < +1.2 Typical	High > +3.8 Typical Low < +1.2 Typical
LVTTL						
Port	COM1-4	COM1-2,COMU1-U11	non	non	non	non
Output	High = +3.3V Typical Low = +0V Typical	High = +3.3V Typical Low = +0V Typical				
Input	High > +2.5 Typical Low < +0.8 Typical	High > +2.5 Typical Low < +0.8 Typical				
RS-232 : High = 0 , Low = 1						
Port	COM1-2	COMU1-U11	C1&2	COM1-4	COM1-2	COM1-4
Output	High = +5V Typical Low = +0V Typical	High = +5V Typical Low = +0V Typical	High = +5V Typical Low = +0V Typical	High = +5V Typical Low = +0V Typical	High = +5V Typical Low = +0V Typical	High = +5V Typical Low = +0V Typical
Input	High > +3.5 Typical Low < +1.5 Typical	High > +3.5 Typical Low < +1.5 Typical	High > +3.3V Typical Low < +0V Typical	High > +3.8 Typical Low < +1.2 Typical	High > +3.8 Typical Low < +1.2 Typical	High > +3.8 Typical Low < +1.2 Typical
Port	COM3-4	COM1-2	RS-232	RS-232	RS-232	RS-232
Output	High = +6V Typical, +5V Minimum Low = -7V Typical, -5V Minimum	High = +6V Typical, +5V Minimum Low = -7V Typical, -5V Minimum	High = +5.4V Typical, +5V Minimum Low = -5.4V Typical, -5V Minimum	High = +5.4V Typical, +5V Minimum Low = -5.4V Typical, -5V Minimum	High = +5.4V Typical, +5V Minimum Low = -5.4V Typical, -5V Minimum	High = +5.4V Typical, +5V Minimum Low = -5.4V Typical, -5V Minimum
Input	High > +1.9V Typical, +2.4V Maximum Low < +1.4V Typical, +0.8V Minimum	High > +1.9V Typical, +2.4V Maximum Low < +1.4V Typical, +0.8V Minimum	High > +1.7V Typical, +2.3V Maximum Low < +1.4V Typical, +0.7V Minimum	High > +1.8V Typical, +2.4V Maximum Low < +1.5V Typical, +0.8V Minimum	High > +1.8V Typical, +2.4V Maximum Low < +1.5V Typical, +0.8V Minimum	High > +1.8V Typical, +2.4V Maximum Low < +1.5V Typical, +0.8V Minimum
Port	RS-232/CPI	RS-232/CPI	non	non	non	non
Output	High = +5.4V Typical, +5V Minimum Low = -5.4V Typical, -5V Minimum	High = +5.4V Typical, +5V Minimum Low = -5.4V Typical, -5V Minimum				
Input	High > +1.8V Typical, +2.4V Maximum Low < +1.5V Typical, +0.8V Minimum	High > +1.8V Typical, +2.4V Maximum Low < +1.5V Typical, +0.8V Minimum				
RS485						
RS485 Half	COM3-4	COM1-2	non	non	non	non
RS485 Full	COM3(C5-C8)	COM1(C1-C4)	non	non	non	non

最大入力電圧	CR1000X	CR6	CR300 series	CR1000	CR800	CR3000
SE&C : ±20V		U&C : ±20V	C : -10/+15V	C : ±20V	C : ±20V	C : ±20V
RS-232/CPI : Rx ±25V, Tx ±15V		RS-232/CPI : Rx ±25V, Tx ±15V	RS-232 : Rx ±25V, Tx ±13V	RS-232 : Rx ±25V, Tx ±5V	RS-232 : Rx ±25V, Tx ±5V	RS-232 : Rx ±25V, Tx ±5V

*許容入力電圧は最大±25Vで、電圧は上記のTxレベルに固定