

URiSCAN PRO Serial Format

A. Right after Data Reading, URiSCAN PRO starts interfacing via RS232C.

URiSCAN PRO do not interact with external PC, which means it doesn't use Handshake, Checksum, Ack, Nak etc. If BuadRate, DataBits, StopBits, ParityBits are fit, Interfacing is possible.

After setting the above values in general PC hyperterminal, it is possible to send Data from URiSCAN PRO to PC.

B. Interfacing Code

When Data communication starts, STX(0x02) is sent.

And then Data is sent via ASCII code.

Data is sent in the order of Printout. CR(0x0d) and LF(0x0a) are sent at the end of Line.

The end of data, ETX(0x03) is sent.

```
STX(0x02),  
Data, ... data, CR(0x0d),LF(0x0a),  
"  
"  
Data, ... data, CR(0x0d),LF(0x0a),  
Data, ... data, CR(0x0d),LF(0x0a),  
ETX(0x03)
```

The start/and of Data is thorough STX(0x02)/ ETX(0x03).

C. Caution

The value of STX(0x02), ETX(0x03), CR(0x0d), LF(0x0a) will appear HEX, however the other DATA will be sent through ASCII code.

So, do calibration with the item which is fit to each hospital, and make interfacing.

D. Following is the format of each line when interfacing.

Please check the output format as there are some differences among items.

Date :2012-04-12 12:00:00	STX + 25 Byte + CR_LF
ID_NO:0001-1234567890123	25 Byte + CR_LF
Ward :	25 Byte + CR_LF
Name :	25 Byte + CR_LF
BLD - neg	25 Byte + CR_LF
BIL - neg	25 Byte + CR_LF
URO +- norm	25 Byte + CR_LF
KET - neg	25 Byte + CR_LF
PRO - neg	25 Byte + CR_LF
NIT - neg	25 Byte + CR_LF
GLU - neg	25 Byte + CR_LF
p.H 5.0	25 Byte + CR_LF
S.G 1.010	25 Byte + CR_LF
LEU - neg	25 Byte + CR_LF
VTC + 10 mg/dL	25 Byte + CR_LF
COL LT. Yellow	25 Byte + CR_LF
CLA Clear	25 Byte + CR_LF + ETX

URiSCAN PRO Computer Interfacing

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
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STX

D	a	t	e	:	2	0	1	2	-	0	4	-	1	2		1	2	:	0	0	:	0	0	CR	LF		
I	D	_	N	O	:	0	0	0	1	-	1	2	3	4	5	6	7	8	9	10	11	12	13	CR	LF		
W	a	r	d	:																			CR	LF			
N	a	m	e	:																			CR	LF			
B	L	D							-				n	e	g								CR	LF			
B	I	L							-				n	e	g								CR	LF			
U	R	O							+	-			n	o	r	m							CR	LF			
K	E	T							-				n	e	g								CR	LF			
P	R	O							-				n	e	g								CR	LF			
N	I	T							-				n	e	g								CR	LF			
G	L	U							+	+	+	+	2	0	0	0				m	g	/	d	L	CR	LF	
P	.	H											5	.	0								CR	LF			
S	.	G										1	.	0	1	0							CR	LF			
L	E	U							+	+	+			5	0	0				W	B	C	/	u	L	CR	LF
V	T	C							+					1	0					m	g	/	d	L	CR	LF	
C	O	L		L	T	.		Y	e	l	l	o	w										CR	LF			
C	L	A		C	l	e	a	r															CR	LF			

ETX

E. Setting in the URISCAN PRO

Refer to the manual(5.2.2 Set Comm).

Setting Strip Lot **41423** Trash volume **0/150** Jan-01-2014 12:00:00

Set Comm.

Baudrate

- 9600
- 19200
- 34800
- 56700
- 115200

Data bits

- 8
- 7

Parity

- None
- Even
- Odd

Stop bits

- 1
- 2

Esc 

Save 