

# Communication format

Cable : Din9 Standard Serial Cross Cable

( TX 2 <-> RX 3 Pin Cross, 5 Pin Ground )

\* Another pins must be disconnected.

Protocol : Serial

-Baud Rate : 115200 baud (fixed)

-Data Bits : 8-bit

-Stop Bits : 1

-Parity : Disabled

-Transmission Mode : ASCII

Date Format : 28byte \* 18 Line

1. Start/End Marker : “~” or ‘0x7e’ :1 byte

2. Each line format ( 28 byte : include 0x0d, 0x0a)

(1). 1 line : mm/dd/yy + “ “ + hh:mm:ss + “ “ + 0x0d + 0x0a

(2). 2 line : “Name:”(5byte)+ “ ”(13 byte) + “Sex:”(4byte)  
+ “ ”(4 byte) + 0x0d + 0x0a

(3). 3 line : “Ward:” (5byte) + “ ”(13 byte) + “Age:” (4byte)  
+ ””(4 byte) + 0x0d + 0x0a

(4). 4 line : “Strip Name ”(10byte) + “ “(1byte)+ “ “(8byte)  
+ 0x0d + 0x0a

(5). 5-14 line : “URO “(3 byte) + “ “(4byte)+ “norm “(4 byte)  
+ “ “(3byte)+ “ 0.1mg/dl ”(12 bytes) + 0x0d + 0x0a

(6). 15 line : “(SN=0000001)”(12byte) + “ “(14byte) + 0x0d+ 0x0a

(7). 16 line : “ID( ) (001)”(23byte)+ “ “(3byte)  
+ 0x0d + 0x0a

(8). 17 line : “OP(00000000) LOT(000000) ”(25byte) + “~”(1byte)  
+ 0x0d + 0x0a

~DEC/26/2006 11:01:34

Name: Sex:

Ward: Age:

Strip Name (10) (0071)

URO norm 0.1mg/dl

GLU - neg

BIL - neg

KET - neg

S.G 1.025

BLD - neg

pH 6.0

PRO - neg

NIT - neg

LEU - neg

(SN=60153025)

ID( )

OP(00000000) LOT(000000) ~