

Wireless Gateway

Command Manual

WW-1C28

WW-3C28

AUX I / O Remote Command

AUX I / O support remote setup / status inquiry function.

Setting Dio Output Type (remote)	
\$P,230,CmdType,RxRS-485ID,TxRS-485ID,Num,Type,LatchStatus,KeepLatchStatus,PWM_Frequency,PWM_DutyCycle*hh\r\n	
\$P	Command Header symbol
,	Separation of each field
230	Command ID
CmdType	0 : Inquiry, 1 : Respond, 2 : Setup After the inquiry or setup, the remote device automatically responds message (Cmdtype: Respond)
RxRS-485ID	Receiver RS-485 ID, ID range : 1~255
TxRS-485ID	Transmitter RS-485 ID, ID range : 1~255
Num	Dio output PIN Number, PIN Number : 1
Type	Dio output PIN Type(Open Drain) 0 : Latch Mode <default>, 1 : PWM Mode
LatchStatus	Dio output Status (available when Latch Mode) 0 : Low<default>, 1 : High
KeepLatchStatus	Keep Latch status when sleeping (available when Latch Mode) 0 : Disable<default>, 1 : Enable
PWM_Frequency	PWM frequency (available when PWM Mode) Frequency : 1~2000 Hz <default : 1000 Hz>
PWM_DutyCycle	PWM duty cycle (available when PWM Mode) Duty Cycle : 1~99 % <default : 50 %>
*hh	Check Sum characters (Reserved)
\r\n	Command ending characters
Example: Inquiry Command	\$P,230,0,3,1,1*hh\r\n
Example: Setup Command	\$P,230,2,3,1,1,0,1,1,0,0*hh\r\n
Example: Respond message	\$P,230,1,3,1,1,0,0,0,0*hh\r\n

Setting A / D Input Type (remote)	
\$P,231,CmdType,RxRS-485ID,TxRS-485ID,Num,Type,RepID,RepPath,TimeRep,ThresRep,ThresRepTime,ThresRepMax,ThresRepMin*hh\r\n	
\$P	Command Header symbol
,	Separation of each field
231	Command ID
CmdType	0 : Inquiry, 1 : Respond, 2 : Setup After the inquiry or setup, the remote device automatically responds message (Cmdtype: Respond)
RxRS-485ID	Receiver RS-485 ID, ID range : 1~255
TxRS-485ID	Transmitter RS-485 ID, ID range : 1~255
Num	A / D input PIN Number, PIN Number : 1
Type	A / D input PIN Type 0 : ADC (Range : 0~10 V) (Unit : mV) <default> 1 : Logic Mode (High / Low signal judge) 2 : Current Mode (4~20 mA) (Unit : %) (Precisions: xx.xx) 3 : Voltage Mode (0~10 V) (Unit : %) (Precisions: xx.xx) 4 : Current Mode (4~20 mA) (Unit : mA)
RepID	Receiver RS-485 ID for automatic report 0 : Broadcast <default>, 1~255 : RS-485 ID range
RepPath	Report path for automatic report 0 : Receiver RS-485 <default>, 1 : Local RS-485, 2: Both
TimeRep	Automatic response interval (Unit : sec) 0 : Off <default>, 1~31536000 : interval time (up to 1 year)
ThresRep	Threshold or trigger condition 0 : Off 1 : Input value > ThresRepMax (available when Type = 0/2/3/4) 2 : Input value < ThresRepMin (available when Type = 0/2/3/4) 3 : Input value > ThresRepMax or Input value < ThresRepMin (available when Type = 0/2/3/4) 4 : High(>900mV) (available when Type = 1) 5 : Low (<900mV) (available when Type = 1)
ThresRepTime	Detect threshold Interval (Unit : sec)
ThresRepMax	Maximum threshold
ThresRepMin	Minimum threshold
*hh	Check Sum characters (Reserved)
\r\n	Command ending characters
Example: Inquiry Command	\$P,231,0,3,1,1*hh\r\n
Example: Setup Command	\$P,231,2,3,1,1,0,0,0,0,10,0,0*hh\r\n
Example: Respond message	\$P,231,1,3,1,1,0,0,0,0,10,0,0*hh\r\n

Query A / D Input Type and Value (remote)	
\$P,232,CmdType,RxRS-485ID,TxRS-485ID,Num,RespondType,InputType,Value*hh\r\n	
\$P	Command Header symbol
,	Separation of each field
232	Command ID
CmdType	0 : Inquiry, 1 : Respond
RxRS-485ID	Receiver RS-485 ID, ID range : 1~255
TxRS-485ID	Transmitter RS-485 ID, ID range : 1~255
Num	A / D input PIN Number, PIN Number : 1
RespondType	This field does not need to be filled in. It is only used in response. 0 : Respond by inquiry 1 : Respond by automatic response event 2 : Respond by threshold or trigger event
InputType	This field does not need to be filled in. It is only used in response. A / D input PIN Type 0 : ADC (Range : 0~10 V) (Unit : mV) <default> 1 : Logic Mode (High / Low signal judge) 2 : Current Mode (4~20 mA) (Unit : %) (Precisions: xx.xx) 3 : Voltage Mode (0~10 V) (Unit : %) (Precisions: xx.xx) 4 : Current Mode (4~20 mA) (Unit : mA)
Value	This field does not need to be filled in. It is only used in response. A / D input real time value
*hh	Check Sum characters (Reserved)
\r\n	Command ending characters
Example: Inquiry Command	\$P,232,0,3,1,1*hh\r\n
Example: Respond message	\$P,232,1,3,1,1,0,0,3000*hh\r\n

Change Transmitter Target Command

Setting RF Transmitter Target	
\$T,46,TxAddressType,NodeAddress,GroupAddress*hh\r\n	
\$T	Command Header symbol
,	Separation of each field
46	Command ID
TxAddressType	Transmitter target type 0 : Broadcast <default>, 1 : Node, 2 : Group
NodeAddress	Target node address, address range : 1~255
GroupAddress	Target group address, address range : 1~255
*hh	Check Sum characters (Reserved)
\r\n	Command ending characters
Example: Inquiry Command	\$T,46*hh\r\n
Example: Setup Command	\$T,46,0,1,128*hh\r\n
Example: Respond message	\$T,46,0,1,128*hh\r\n