

USP TO GTP-32/DC20 INTERFACE

USP-16 or USP-8



GTP-32 or DC20



Remote Device Assignment Table

Device #	Device Description	IP Address	Heartbeat Rate (seconds)
1	DEVICE 1	192.168.10.10	5
2	DEVICE 2	192.168.10.200	5
3	DEVICE 3	0.0.0.0	5
4	DEVICE 4	0.0.0.0	5
5	DEVICE 5	0.0.0.0	5
6	DEVICE 6	0.0.0.0	5
7	DEVICE 7	0.0.0.0	5
8	DEVICE 8	0.0.0.0	5
9	DEVICE 9	0.0.0.0	5
10	DEVICE 10	0.0.0.0	5
11	DEVICE 11	0.0.0.0	5
12	DEVICE 12	0.0.0.0	5
13	DEVICE 13	0.0.0.0	5
14	DEVICE 14	0.0.0.0	5
15	DEVICE 15	0.0.0.0	5
16	DEVICE 16	0.0.0.0	5

Identify Remote Devices to send data to and receive data from

Enter DC20, GTP-32, or other USP IP addresses that the USP will communicate with.

USP Event Definitions

Event Label	Event Name	Event Data
USP_01	USP_01	USP_01
USP_02	USP_02	USP_02
USP_03	USP_03	USP_03
USP_04	USP_04	USP_04
USP_05	USP_05	USP_05
USP_06	USP_06	USP_06
USP_07	USP_07	USP_07
USP_08	USP_08	USP_08
USP_09	USP_09	USP_09
USP_10	USP_10	USP_10
USP_11	USP_11	USP_11
USP_12	USP_12	USP_12
USP_13	USP_13	USP_13
USP_14	USP_14	USP_14
USP_15	USP_15	USP_15
USP_16	USP_16	USP_16

Map USP Key Press/ Release to a unique Source Event Label that will be used in the GTP-32/ DC20 's configuration tables.

Switch Assignment Table

Line #	Switch	Remote Device	Type	Radio Group	GPO
1	SW1	DEVICE 1	Local	None	GPO-1
2	SW2	DEVICE 1	Local	None	GPO-2
3	SW3	DEVICE 1	Local	None	GPO-3
4	SW4	DEVICE 1	Local	None	GPO-4
5	SW5	DEVICE 1	Local	None	GPO-5
6	SW6	DEVICE 1	Local	None	GPO-6
7	SW7	DEVICE 1	Local	None	GPO-7
8	SW8	DEVICE 1	Local	None	GPO-8
9	None	DEVICE 1	Local	None	GPO-9
10	None	DEVICE 1	Local	None	GPO-10
11	None	DEVICE 1	Local	None	GPO-11
12	None	DEVICE 1	Local	None	GPO-12
13	None	DEVICE 1	Local	None	GPO-13
14	None	DEVICE 1	Local	None	GPO-14
15	None	DEVICE 1	Local	None	GPO-15
16	None	DEVICE 1	Local	None	GPO-16

Key presses to Remote Device

Map Key Press and Key Release to a Remote Device. Map key press/ release to one or more Remote Devices

Event Monitoring Table

Event Label	Event Name	Event Data	Event Action
USP_01	USP_01	USP_01	Turn On GPO 1
USP_02	USP_02	USP_02	Turn On GPO 2
USP_03	USP_03	USP_03	Turn On GPO 3
USP_04	USP_04	USP_04	Turn On GPO 4
USP_05	USP_05	USP_05	Turn On GPO 5
USP_06	USP_06	USP_06	Turn On GPO 6
USP_07	USP_07	USP_07	Turn On GPO 7
USP_08	USP_08	USP_08	Turn On GPO 8
USP_09	USP_09	USP_09	Turn On GPO 9
USP_10	USP_10	USP_10	Turn On GPO 10
USP_11	USP_11	USP_11	Turn On GPO 11
USP_12	USP_12	USP_12	Turn On GPO 12
USP_13	USP_13	USP_13	Turn On GPO 13
USP_14	USP_14	USP_14	Turn On GPO 14
USP_15	USP_15	USP_15	Turn On GPO 15
USP_16	USP_16	USP_16	Turn On GPO 16

Map Event: GPI, USP Keypress, Device Status to an Action: GPO, Device Control

Tally Assignment Table

Switch Tally	Mode	Alarm	ON Text	OFF Text	ON Font	OFF Font	ON Color	OFF Color
1	Standard	1	SW1 ON	SW1 OFF	Normal	Normal	Green	Red
2	Standard	1	SW2 ON	SW2 OFF	Normal	Normal	Green	Red
3	Standard	1	SW3 ON	SW3 OFF	Normal	Normal	Green	Red
4	Standard	1	SW4 ON	SW4 OFF	Normal	Normal	Green	Red
5	Standard	1	SW5 ON	SW5 OFF	Normal	Normal	Green	Red
6	Standard	1	SW6 ON	SW6 OFF	Normal	Normal	Green	Red
7	Standard	1	SW7 ON	SW7 OFF	Normal	Normal	Green	Red
8	Standard	1	SW8 ON	SW8 OFF	Normal	Normal	Green	Red

Assign a Tally Source to each Key. Map a local source or status from Remote Device.

Status from Remote Device

USP Event Notifications

Event Label	Event Name	Event Data	Event Action
USP_01	USP_01	USP_01	Turn On GPO 1
USP_02	USP_02	USP_02	Turn On GPO 2
USP_03	USP_03	USP_03	Turn On GPO 3
USP_04	USP_04	USP_04	Turn On GPO 4
USP_05	USP_05	USP_05	Turn On GPO 5
USP_06	USP_06	USP_06	Turn On GPO 6
USP_07	USP_07	USP_07	Turn On GPO 7
USP_08	USP_08	USP_08	Turn On GPO 8
USP_09	USP_09	USP_09	Turn On GPO 9
USP_10	USP_10	USP_10	Turn On GPO 10
USP_11	USP_11	USP_11	Turn On GPO 11
USP_12	USP_12	USP_12	Turn On GPO 12
USP_13	USP_13	USP_13	Turn On GPO 13
USP_14	USP_14	USP_14	Turn On GPO 14
USP_15	USP_15	USP_15	Turn On GPO 15
USP_16	USP_16	USP_16	Turn On GPO 16

Send GTP-32/ DC20 Events to one or more USPs: GPI, GPO, Combinatorial Event, UserRegister, and more

ON THE USP

1. On the Remote Device Assignment web page, enter the IP address of the GTP-32/ DC20 to send commands to and receive status from. Enter an identifier for the remote device.
2. On the Switch Assignment web page, map a keypress to a remote device. Map a keypress to one or more remote devices. Map the same keypress to a local GPO
3. On the Tally Assignment web page, select the tally source (Local / Remote) and the specific item to tally— GPI#, GPO#, Status Event Label. Enter the key legend to display when the tally is ON and when the tally is OFF. Select key backlight color— dark, red, green, amber; solid or flashing. Entered Event Labels must exactly match the Event Label selected on the GTP-32/DC20 Event Notification Table.

ON THE GTP-32/ DC20

1. On the USP Event Definition Table web page, enter the IP address of the USP to receive key presses from. Select “Keypress Momentary”. If the held key will have special meaning or a key will be used in a multi-key combination, select “Keypress”. Enter a unique identifier that will be used in the GTP-32/DC20’s configuration tables to identify this specific USP key.
2. On the Event Monitoring Table web page, select a source event (USP key identifier) from the drop down list. Select an action to trigger when the source event turns ON and when the source event turns OFF.

i.e.: When GPI_1 turns on, it triggers GPO #5 to turn on.
When GPI_1 turns off, it triggers GPO #5 to turn off.
When USP Key #9 is pressed, turn on GPO#1.
When USP Key #9 is released, do nothing.
3. On the Event Notification Table web page, enter the USP IP address and its community string(always “public”) and then select a source event– GPI state, GPO state, or device status– to send to it. The selected Event Labels will be used by the USP to control its key tallies.