

Application Note

Product : BioStar Software

Application : Function key for break time

By. Helen Cho
R&D / Suprema Inc.



If your break time is not fixed, you can use function key for checking break time (Lunch time). BioStation and BioLite Net have the function key.

Function key should be set as below. **[BioStation]**

The screenshot shows the BioStar V1.25 interface. On the left, a tree view shows the 'Device' list under 'BioStar Server'. The main window is titled 'Device' and shows 'Basic Information' for device 31122. The 'T & A' tab is selected, showing a table of function key configurations. F1 is set to 'Check-In' with 'Use Relay' checked. Below the table, the 'T & A Key' configuration for F1 shows 'Function Key' set to F1, 'Event Caption' as 'Check-In', and 'Use Relay' checked.

TA Key	Caption	Schedule	Fixed or Not	Use Relay
F1	Check-In	Not Use	Use	Use
F2	Check-out	Not Use	Not Use	Not Use
F3	Break End	Not Use	Not Use	Use
F4	BreakStart	Not Use	Not Use	Use

The screenshot shows the BioStar V1.25 interface with the 'T & A' tab selected. The table shows F2 is set to 'Check-out' with 'Use Relay' unchecked. Below the table, the 'T & A Key' configuration for F2 shows 'Function Key' set to F2, 'Event Caption' as 'Check-out', and 'Use Relay' unchecked.

TA Key	Caption	Schedule	Fixed or Not	Use Relay
F1	Check-In	Not Use	Use	Use
F2	Check-out	Not Use	Not Use	Not Use
F3	Break End	Not Use	Not Use	Use
F4	BreakStart	Not Use	Not Use	Use

BioStar V6.25

Back Forward Refresh Find User Print

File View Theme Option Administrator Help

Device

Device

- BioStar Server
 - 10288[192.168.1.224]
 - 11935[192.168.1.227]
 - 17777[192.168.1.223]
 - 20980[192.168.1.184]
 - 24130[192.168.1.226]
 - 31122[192.168.1.224]
 - 31968[192.168.1.223]
 - 9493[192.168.1.188]
 - 27722[192.168.1.189]
 - 33828[192.168.1.201]
 - 40022[192.168.1.208]

Task

- Add Device
- Firmware Upgrade

Details

Total : 11
Selected : 31122[192.168.1.224]

User

Doors

Access Control

Monitoring

Device

Time and Attendance

Device

Basic Information

Name: 31122[192.168.1.224] Device ID: 31122
Firmware: V1.71_091008 Device Type: BSR-OC

Operation Mode | Fingerprint | Network | Access Control | Input | Output | Black List | Display/Sound | **T & A** | Wiegand

T & A Mode: Manual

TA Key	Caption	Schedule	Fixed or Not	Use Relay
F1	Check-In	Not Use	Use	Use
F2	Check-out	Not Use	Not Use	Not Use
F3	Break End	Not Use	Not Use	Use
F4	BreakStart	Not Use	Not Use	Use

T & A Key

Function Key: F3 Fixed Event

Event Caption: Break End Use Relay

Auto Mode Schedule: []

Event Type: In

Regard as normal check-in/check-out event Only Result

Add work time after this event

Add Modify Delete Apply to Others Apply

Ready CAP NUM SCRL

BioStar V6.25

Back Forward Refresh Find User Print

File View Theme Option Administrator Help

Device

Device

- BioStar Server
 - 10288[192.168.1.224]
 - 11935[192.168.1.227]
 - 17777[192.168.1.223]
 - 20980[192.168.1.184]
 - 24130[192.168.1.226]
 - 31122[192.168.1.224]
 - 31968[192.168.1.223]
 - 9493[192.168.1.188]
 - 27722[192.168.1.189]
 - 33828[192.168.1.201]
 - 40022[192.168.1.208]

Task

- Add Device
- Firmware Upgrade

Details

Total : 11
Selected : 31122[192.168.1.224]

User

Doors

Access Control

Monitoring

Device

Time and Attendance

Device

Basic Information

Name: 31122[192.168.1.224] Device ID: 31122
Firmware: V1.71_091008 Device Type: BSR-OC

Operation Mode | Fingerprint | Network | Access Control | Input | Output | Black List | Display/Sound | **T & A** | Wiegand

T & A Mode: Manual

TA Key	Caption	Schedule	Fixed or Not	Use Relay
F1	Check-In	Not Use	Use	Use
F2	Check-out	Not Use	Not Use	Not Use
F3	Break End	Not Use	Not Use	Use
F4	BreakStart	Not Use	Not Use	Use

T & A Key

Function Key: F4 Fixed Event

Event Caption: BreakStart Use Relay

Auto Mode Schedule: []

Event Type: Out

Regard as normal check-in/check-out event Only Result

Add work time after this event

Add Modify Delete Apply to Others Apply

Ready CAP NUM SCRL

Use Relay

→ If you check this option, door can be opened when you press the function key.

Regard as normal check-in/check-out event

→ If you check this option, user's late-in or early out event is not applied to the report. it shows always 'normal' as a result and work time will be from the start time of 'Daily schedule' to the end time of 'Daily schedule'.

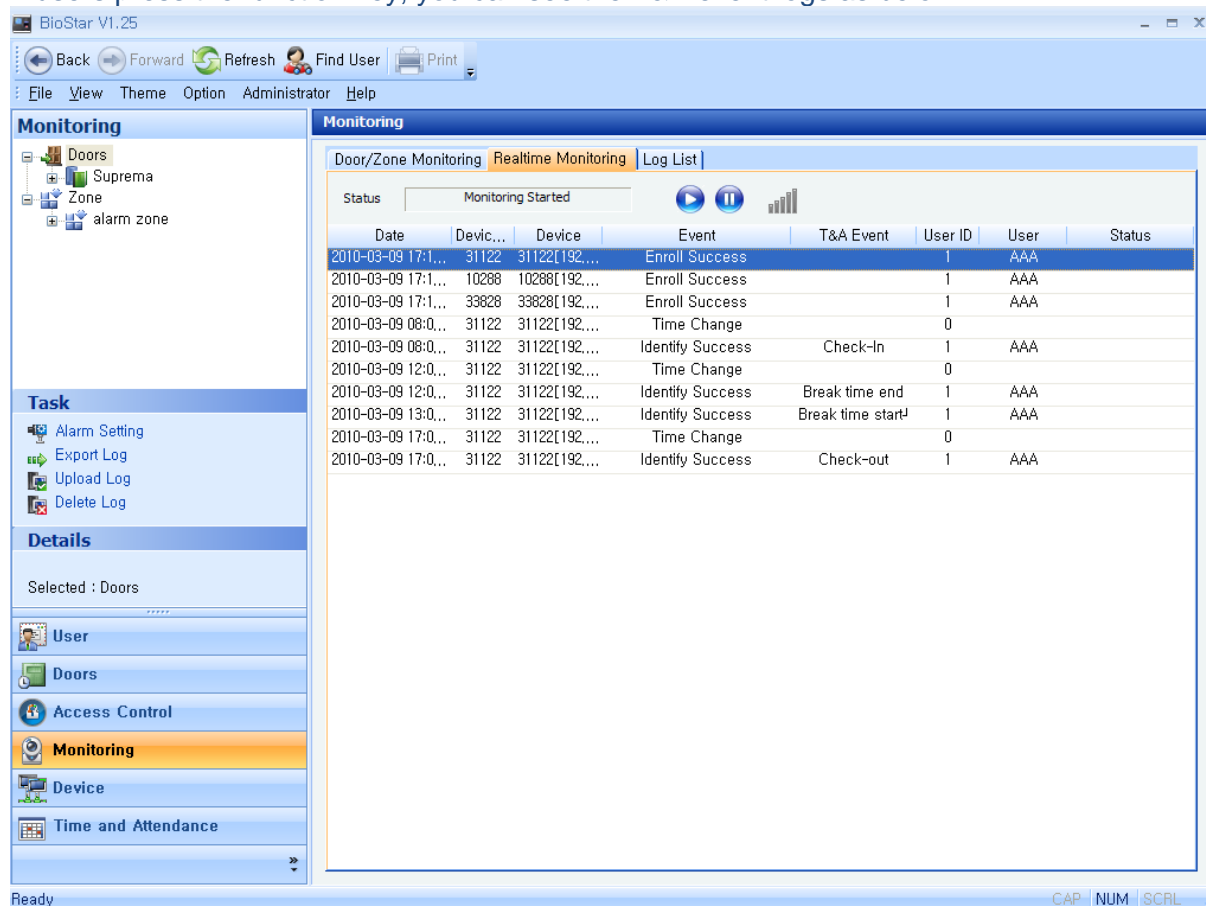
Only Result

→ If you check this option, report always shows 'Normal' result. but the work time will be from 'Check -In' time to 'Check-Out' time. So, only result in the report is applied with this option.

Add work time after this event

→ If you want to add break time to the work time, you can check this option.

If users press the function key, you can see the T&A event logs as below.



Date	Devic...	Device	Event	T&A Event	User ID	User	Status
2010-03-09 17:1...	31122	31122[192...	Enroll Success		1	AAA	
2010-03-09 17:1...	10268	10268[192...	Enroll Success		1	AAA	
2010-03-09 17:1...	33828	33828[192...	Enroll Success		1	AAA	
2010-03-09 08:0...	31122	31122[192...	Time Change		0		
2010-03-09 08:0...	31122	31122[192...	Identify Success	Check-In	1	AAA	
2010-03-09 12:0...	31122	31122[192...	Time Change		0		
2010-03-09 12:0...	31122	31122[192...	Identify Success	Break time end	1	AAA	
2010-03-09 13:0...	31122	31122[192...	Identify Success	Break time start	1	AAA	
2010-03-09 17:0...	31122	31122[192...	Time Change		0		
2010-03-09 17:0...	31122	31122[192...	Identify Success	Check-out	1	AAA	

Work time is calculated from Check-in time to Check-out time excluding Break Start time to Break End time if you don't check 'Add work time after this event' option.

[BioLite Net function key setting]

Device

Device ID: 10288
Device Type: BLNM-OC

Operation Mode | Fingerprint | Network | Access Control | Input | Output | Black List | Display/Sound | **T & A** | Wiegand

T & A Mode: Manual

TA Key	Caption	Schedule	Fixed or Not	Use Relay
< x 1	Check-In	No Time	Use	Use
> x 1	Check-Out	No Time	Not Use	Use
> x 2	DutyIn	No Time	Not Use	Use
> x 3	DutyOut	No Time	Not Use	Use

T & A Key

Function Key: < x 1 Fixed Event

Event Caption: Check-In Use Relay

Auto Mode Schedule: No Time

Event Type: Check-In

Regard as normal check-in/check-out event Only Result

Add work time after this event

Buttons: Add, Modify, Delete, Apply to Others, Apply

Device

Device ID: 10288
Device Type: BLNM-OC

Operation Mode | Fingerprint | Network | Access Control | Input | Output | Black List | Display/Sound | **T & A** | Wiegand

T & A Mode: Manual

TA Key	Caption	Schedule	Fixed or Not	Use Relay
< x 1	Check-In	No Time	Use	Use
> x 1	Check-Out	No Time	Not Use	Use
> x 2	DutyIn	No Time	Not Use	Use
> x 3	DutyOut	No Time	Not Use	Use

T & A Key

Function Key: > x 1 Fixed Event

Event Caption: Check-Out Use Relay

Auto Mode Schedule: No Time

Event Type: Check-Out

Regard as normal check-in/check-out event Only Result

Add work time after this event

Buttons: Add, Modify, Delete, Apply to Others, Apply

BioStar V1.25

Back Forward Refresh Find User Print

File View Theme Option Administrator Help

Device

- Device
 - BioStar Server
 - 10288[192.168.0.51]
 - 31122[192.168.0.111]
 - 33828[192.168.0.31]

Task

- Add Device
- Firmware Upgrade

Details

Total : 3
Selected : 10288[192.168.0.51]

User

Doors

Access Control

Monitoring

Device

Time and Attendance

Device

Basic Information

Name: 10288[192.168.0.51] Device ID: 10288
Firmware: V1.2_091228 Device Type: BLNM-OC

Operation Mode | Fingerprint | Network | Access Control | Input | Output | Black List | Display/Sound | **T & A** | Wiegand

T & A Mode: Manual

TA Key	Caption	Schedule	Fixed or Not	Use Relay
< x 1	Check-In	No Time	Use	Use
> x 1	Check-Out	No Time	Not Use	Use
> x 2	DutyIn	No Time	Not Use	Use
> x 3	DutyOut	No Time	Not Use	Use

T & A Key

Function Key: > x 2 Fixed Event
Event Caption: DutyIn Use Relay
Auto Mode Schedule: No Time
Event Type: In

Regard as normal check-in/check-out event Only Result
 Add work time after this event

Add Modify Delete Apply to Others Apply

Ready CAP NUM SCRL

BioStar V1.25

Back Forward Refresh Find User Print

File View Theme Option Administrator Help

Device

- Device
 - BioStar Server
 - 10288[192.168.0.51]
 - 31122[192.168.0.111]
 - 33828[192.168.0.31]

Task

- Add Device
- Firmware Upgrade

Details

Total : 3
Selected : 10288[192.168.0.51]

User

Doors

Access Control

Monitoring

Device

Time and Attendance

Device

Basic Information

Name: 10288[192.168.0.51] Device ID: 10288
Firmware: V1.2_091228 Device Type: BLNM-OC

Operation Mode | Fingerprint | Network | Access Control | Input | Output | Black List | Display/Sound | **T & A** | Wiegand

T & A Mode: Manual

TA Key	Caption	Schedule	Fixed or Not	Use Relay
< x 1	Check-In	No Time	Use	Use
> x 1	Check-Out	No Time	Not Use	Use
> x 2	DutyIn	No Time	Not Use	Use
> x 3	DutyOut	No Time	Not Use	Use

T & A Key

Function Key: > x 3 Fixed Event
Event Caption: DutyOut Use Relay
Auto Mode Schedule: No Time
Event Type: Out

Regard as normal check-in/check-out event Only Result
 Add work time after this event

Add Modify Delete Apply to Others Apply

Ready CAP NUM SCRL