TECHNICAL TIPS

FINGERTEC

ACCESS COMBINATIONS

Access combination is used for entrance that requires multiple users to verify their identities to access. FingerTec® models offer 5 groups of access combinations. Each combination is applied to 3 group time zones.

Access Combo	Group Time Zone	Time Zone
1	G1	TZ1, TZ2, TZ3
	G2	TZ4, TZ5, TZ6
	G3	TZ7, TZ8, TZ9
2	G4	Maximum 3 time zones
	G5	Maximum 3 time zones
	G6	Maximum 3 time zones
3	G7	Maximum 3 time zones
	G8	Maximum 3 time zones
	G9	Maximum 3 time zones
4	G10	Maximum 3 time zones
	G11	Maximum 3 time zones
	G12	Maximum 3 time zones
5	G13	Maximum 3 time zones
	G14	Maximum 3 time zones
	G15	Maximum 3 time zones

For Access Combo 1, users from group time zone 1, group time zone 2 and group time zone 3 must verify at the same time, to enable the door to be opened. Each group time zone must have at least 1 valid time zone during access combo verification to gain access.

Example

Access Combo	Group Time Zone	Time Zone
1	G1	TZ 1 = 09 :00 ~ 13 :00
	G2	TZ 1 = 10 :00 ~ 15 :00
	G3	TZ 1 = 13 :00 ~ 14 :00

In the above table, there are 3 group time zones. Each group time zone is assigned to 1 set of time zone.

Even though these time zones are different, there is an overlapping point. In this case, 13:00 ~ 14:00

Time period	TZ 1	TZ 2	TZ 3
09:00			
10:00			
11:00			
12:00			
13:00	Overlapping time period		
14:00			
15:00			

This is the valid time period for all 3 users to verify, as the rules for Access Combo 1 is fulfilled. If any of the users time zones is invalid, the door will not open, because the rules for Access Combo 1 has not been fulfilled.

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ACCESS COMBINATIONS

How to Configure?
Access combo option is available only in FingerTec® models with access control features (AC900, M2R2, iKiosk 100 etc). The settings are as follows:

1. Configuration of time zones
Configure 3 different time zones using TZ1, TZ2 and TZ3

Press Menu > Option > Access Option > Define TP

Time zone **1**
Sunday = 09:00 ~ 13:00
Monday = 09:00 ~ 13:00
Tuesday = 09:00 ~ 13:00
Wednesday = 09:00 ~ 13:00
Thursday = 09:00 ~ 13:00
Friday = 09:00 ~ 13:00
Saturday = 09:00 ~ 13:00

Time zone **2**
Sunday = 10 :00 ~ 15 :00
Monday = 10 :00 ~ 15 :00
Tuesday = 10 :00 ~ 15 :00
Wednesday = 10 :00 ~ 15 :00
Thursday = 10 :00 ~ 15 :00
Friday = 10 :00 ~ 15 :00
Saturday = 10 :00 ~ 15 :00

Time zone **3**
Sunday = 13:00 ~ 14:00
Monday = 13:00 ~ 14:00
Tuesday = 13:00 ~ 14:00
Wednesday = 13:00 ~ 14:00
Thursday = 13:00 ~ 14:00
Friday = 13:00 ~ 14:00
Saturday = 13:00 ~ 14:00

2. Configuration of group time zones
Configure 3 different group time zones using G1, G2 and G3

Press Menu > Option > Access Option > Grp TP Define > Enter Group Time Zone (1, 2 or 3)

Grp TP **1**	
TP 1	**1**
TP 2	
TP 3	

Grp TP **2**	
TP 1	**2**
TP 2	
TP 3	

Grp TP **3**	
TP 1	**3**
TP 2	
TP 3	

3. Assign users into group time zones
Now, assign users into their group time zone

Press Menu > Option > Access Option > User Acc Opt > Enter User ID

Belong to Grp	**1**
Use Grp TPs	**Y**
TP1	1

Belong to Grp	**2**
Use Grp TPs	**Y**
TP1	2

Belong to Grp	**3**
Use Grp TPs	**Y**
TP1	3

4. Configuration of access combo

Press Menu > Option > Access Option > Access Combo

Combo 1	**123**
Combo 2	
Combo 3	
Combo 4	
Combo 5	

Note:
You can configure step 1 to step 3 using TCMS v2, under option Terminal User Control and User Access Code. When finish, upload the configured settings to the terminal.

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