



F1

F2

F3

F4

F5

F6

F7

F8



SMART

F1

F2

F3

F4

F5

F6

F7

F8



User Mng



Comm.



System



Date/Time



PenDrive



Auto Test



Record



Sys Info



SMART



F1

F2

F3

F4

F5

F6

F7

F8





F1
F2
F3
F4

F5
F6
F7
F8





F1
F2
F3
F4

F5
F6
F7
F8





F1
F2
F3
F4

F5
F6
F7
F8





F1
F2
F3
F4

F5
F6
F7
F8



F1



User Mng



Comm.



System



Date/Time

F2

F3

F4

F5

F6

F7

F8



PenDrive



Auto Test



Record



Sys Info



SMART



F1
F2
F3
F4

F5
F6
F7
F8





F1

F2

F3

F4

F5

F6

F7

F8



New user

F1 ID.NO 2

F2 Name

F3 FP Enroll FP FP Num: 0

PWD Enroll PWD

Card Enroll Card

Privilege User

F4 OK(M/←) Back(ESC)



New user

F1 ID.NO 2

F2 Name

F3 FP Enroll FP FP Num: 0

PWD Enroll PWD

Card Enroll Card

Privilege User

OK(M/←) Back(ESC)

1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # ⏻

↑

← OK →

↓



New user

F1 ID.NO 2

Name

F2 FP Enroll FP FP Num: 0

PWD Enroll PWD

F3 Card Enroll Card

Privilege User

F4

OK(M/←) Back(ESC)



F5

F6

F7

F8





Enroll FP(2-0)

Progress bar with three segments

0

Quality

Press Finger...

F1

F2

F3

F4

F5

F6

F7

F8

OK

1

2 ABC

3 DEF

ESC

4 GHI

5 JKL

6 MNO

M/←

7 PQRS

8 TUV

9 WXYZ

←

*

0

#

⊙



Enroll FP(2-0)

59

Quality

i Second Press

F1
F2
F3
F4

F5
F6
F7
F8

OK



1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # Ⓞ



SMART



Enroll FP(2-0)



69



Quality



Third Press

1	2 ABC	3 DEF	ESC
4 GHI	5 JKL	6 MNO	M/←
7 PQRS	8 TUV	9 WXYZ	←
*	0	#	⊙



Enroll FP(2-0)



72



Quality



Enroll Success! OK Continue
ESC Exit

F1

F2

F3

F4

F5

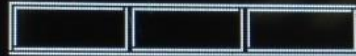
F6

F7

F8



Enroll FP(2-0)



72



Quality



Input Again!

F1

F2

F3

F4

F5

F6

F7

F8

OK

1

2 ABC

3 DEF

ESC

4 GHI

5 JKL

6 MNO

M/←

7 PQRS

8 TUV

9 WXYZ

←

*

0

#

⊙



SMART

New user

F1 ID.NO 2

Name

F2 FP Enroll FP FP Num: 1

PWD Enroll PWD

F3 Card Enroll Card

Privilege User

F4 OK(M/←) Back(ESC)



F5

F6

F7

F8





Enroll PWD

Input PWD(Max Length: 8 digits)

PWD Affirm(Max Length: 8 digits)

OK(M/←)

Back(ESC)

F1

F2

F3

F4

F5

F6

F7

F8

OK

1

2 ABC

3 DEF

ESC

4 GHI

5 JKL

6 MNO

M/←

7 PQRS

8 TUV

9 WXYZ

←

*

0

#

⊙



Enroll PWD

Input PWD(Max Length:8 digits)

PWD Affirm(Max Length:8 digits)

OK(M/←) Back(ESC)

F1
F2
F3
F4

F5
F6
F7
F8



Enroll PWD

Input PWD(Max Length:8 digits)

PWD Affirm(Max Length:8 digits)

OK(M/←) Back(ESC)

F1
F2
F3
F4

F5
F6
F7
F8



SMART

Enroll PwD

Input PwD(Max Length:8 digits)

PwD Affirm(Max Length:8 digits)

OK(M/←) Back(ESC)

F1

F2

F3

F4

F5

F6

F7

F8



SMART

New user

F1 ID.NO 2

Name

F2 FP Enroll FP FP Num: 1

PWD Enroll PWD

F3 Card Enroll Card

Privilege User

F4 OK(M/←) Back(ESC)



New user

ID.NO 2

Name

FP FP Num: 1

PWD

Card

Privilege

F1

F2

F3

F4

F5

F6

F7

F8



New user

ID.NO 2

Name

FP FP Num: 1

PWD

Card

Privilege

F1
F2
F3
F4

F5
F6
F7
F8



New user

ID.NO	2	
Name		
FP	Enroll FP	FP Num: 1
PWD	Enroll PWD	
Card	Enroll Card	
Privilege	Admin	

OK(M/←) Back(ESC)

F1
F2
F3
F4

F5
F6
F7
F8



New user

F1 ID.NO 2

F2 Name

F3 FP Enroll FP FP Num: 1

PWD Enroll PWD

Card Enroll Card

F4 Privilege User

OK(M/←) Back(ESC)

1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # ⦿

▲

◀ OK ▶

▼





New user

ID.NO 3

Name

FP

PW

Cal

Priv

System

Changes Saved, Continue?

OK Cancel

OK(M/←) Back(ESC)

1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # ⦿



New user

ID.NO 3

Name

FP

PW

Cal

Priv

System

Changes Saved, Continue?

OK Cancel

OK(M/←) Back(ESC)

F1

F2

F3

F4

F5

F6

F7

F8

OK

1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # ⦿



New user

ID.NO 2

Name

FP FP Num: 1

PWD

Card

Privilege

F1

F2

F3

F4

F5

F6

F7

F8



New user

ID.NO 2

Na

FF

PV

Ca

Pr

System

Do you want to save changes?

OK Cancel

OK(M/←) Back(ESC)

F1

F2

F3

F4

F5

F6

F7

F8

OK

1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # Ⓞ



New user

ID.NO 2

Na

FF

PV

Ca

Pr

System

Do you want to save changes?

OK Cancel

OK(M/←) Back(ESC)

F1

F2

F3

F4

F5

F6

F7

F8

OK

1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # ⦿





F1
F2
F3
F4

F5
F6
F7
F8



ID NO	Name	FP	PWD	Card
1		1		
4		1		
5		1		
6		1		

PageUp: * PageDown: # Edit: OK Func: M/↵

F1
F2
F3
F4

F5
F6
F7
F8



ID NO	Name	FP	PWD	Card
1		1		
4		1		
5		1		
6		1		

PageUp: * PageDown: # Edit: OK Func: M/←

F1
F2
F3
F4

F5
F6
F7
F8



1 2 ABC 3 DEF ESC
4 GHI 5 JKL 6 MNO M/←
7 PQRS 8 TUV 9 WXYZ ←
* 0 # ⦿



ID NO	Name	FP	PWD	Card
1		1		
4		1		
5		1		
6		1		

PageUp: * PageDown: # Edit: OK Func: M/←

F1
F2
F3
F4

F5
F6
F7
F8



1 2 ABC 3 DEF ESC
4 GHI 5 JKL 6 MNO M/←
7 PQRS 8 TUV 9 WXYZ ←
* 0 # ◉



ID NO	Name	FP	PWD	Card
1		1		
4		1		
5		1		
6		1		

PageUp: * PageDown: # Edit: OK Func: M/←

F1

F2

F3

F4

F5

F6

F7

F8



SMART

Edit

ID.NO 1

Name

FP FP Num:1

PWD

Card

Privilege

F1

F2

F3

F4

F5

F6

F7

F8



Edit

ID.NO 1

Name

FP FP Num:1

PWD

Card

Privilege

F1

F2

F3

F4

F5

F6

F7

F8




Backup Enroll(1-1)

0

Quality

Press Finger...



F1
F2
F3
F4

F5
F6
F7
F8

OK



1 2 ABC 3 DEF ESC


4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # ⦿




Backup Enroll(1-1)



79

Quality

 Second Press

F1

F2

F3

F4

F5

F6

F7

F8



OK



1	2 ABC	3 DEF	ESC
4 GHI	5 JKL	6 MNO	M/←
7 PQRS	8 TUV	9 WXYZ	←
*	0	#	⊙



SMART

Backup Enroll(1-1)




70



Quality



 Third Press

F1

F2

F3

F4

F5

F6

F7

F8



Backup Enroll(1-1)



72



Quality



i Enroll Success! OK Continue
ESC Exit

F1
F2
F3
F4

F5
F6
F7
F8



1	2 ABC	3 DEF	ESC
4 GHI	5 JKL	6 MNO	M/←
7 PQRS	8 TUV	9 WXYZ	←
*	0	#	⊙



Backup Enroll(1-1)

72

Quality

i Input Again!



F1
F2
F3
F4

F5
F6
F7
F8

OK



1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # ⦿



Edit

ID.NO 1

Name

FP FP Num: 1

PWD

Card

Privilege

F1

F2

F3

F4

F5

F6

F7

F8



SMART



Change PWD

Input PWD(Max Length:8 digits)

PWD Affirm(Max Length:8 digits)

ESC

Back/ESC

F1

F2

F3

F4

F5

F6

F7

F8

OK

1

2 ABC

3 DEF

ESC

4 GHI

5 JKL

6 MNO

M/↵

7 PQRS

8 TUV

9 WXYZ

←

*

0

#

⊙



Change PWD

Input PWD(Max Length:8 digits)

++++

PWD Affirm(Max Length:8 digits)

OK(M/-)

Back(ESC)

F1

F2

F3

F4

F5

F6

F7

F8

OK

1

2 ABC

3 DEF

ESC

4 GHI

5 JKL

6 MNO

M/←

7 PQRS

8 TUV

9 WXYZ

←

*

0

#

⊙



SMART

Change PWD

Input PWD(Max Length: 8 digits)

PWD Affirm(Max Length: 8 digits)

OK(M/s-)

Back(ESC)



F1
F2
F3
F4

F5
F6
F7
F8



Change PWD

Input PWD(Max Length:8 digits)

PWD Affirm(Max Length:8 digits)

OK(M/←)

Back(ESC)

F1

F2

F3

F4

F5

F6

F7

F8



Change PWD

Input PWD(Max Length:8 digits)

PWD Affirm(Max Length:8 digits)

OK(M/←)

Back(ESC)



F1

F2

F3

F4

F5

F6

F7

F8

1

2 ABC

3 DEF

ESC

4 GHI

5 JKL

6 MNO

M/←

7 PQRS

8 TUV

9 WXYZ

←

*

0

#

⊙

Edit

ID.NO 1

Name

FP FP Num: 1

PWD

Card

Privilege

F1

F2

F3

F4

F5

F6

F7

F8



Edit

ID.NO 1

Name

FP FP Num: 1

PWD

Card

Privilege

F1
F2
F3
F4

F5
F6
F7
F8



Edit

ID.NO 1

Name

FP FP Num: 1

PWD

Card

Privilege

F1
F2
F3
F4

F5
F6
F7
F8



Edit

ID.NO 1

Name

FP FP Num: 1

PWD

Card

Privilege

F1
F2
F3
F4

F5
F6
F7
F8



Edit

ID.NO 1

Name

FP FP Num: 1

PWD

Card

Privilege

F1

F2

F3

F4

F5

F6

F7

F8



Edit

ID.NO 1

Name

FP FP Num: 1

PWD

Card

Privilege

F1

F2

F3

F4

F5

F6

F7

F8



	FP	Pwd	Card
Search User	1		
Attendance log	1		
Edit	1		
Delete user	1	Key	
New user	1		
User Access	0	Key	

F1
F2
F3
F4

F5
F6
F7
F8



1 2 ABC 3 DEF ESC


4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # ⦿



Search User



ID.NO

Name

OK(M/←) Back(ESC)

F1
F2
F3
F4

F5
F6
F7
F8



	FP	PWD	Card
Search User	1		
Attendance log	1		
Edit	1		
Delete user	1	🔑	
New user	1		
User Access	0	🔑	

Edit: OK Func: M/←

F1

F2

F3

F4

F5

F6

F7

F8



SMART

	FP	PwD	Card
Search User	1		
Attendance log	1		
Edit	1		
Delete user	1	🔑	
New user	1		
User Access	0	🔑	

F1
F2
F3
F4

F5
F6
F7
F8



	PP	PWD	Card
Search User	1		
Attendance log	1		
Edit	1		
Delete user	1	🔑	
New user	1		
User Access	0	🔑	

Edit: OK Func: M/←

F1
F2
F3
F4

F5
F6
F7
F8



	PP	PWD	Card
Search User	1		
Attendance log	1		
Edit	1		
Delete user	1	Key	
New user	1		
User Access	0	Key	

F1
F2
F3
F4

F5
F6
F7
F8



1 2 ABC 3 DEF ESC
 4 GHI 5 JKL 6 MNO M/←
 7 PQRS 8 TUV 9 WXYZ ←
 * 0 # ⦿



	FP	PWD	Card
Search User	1		
Attendance log	1		
Edit	1		
Delete user	1	🔑	
New user	1		
User Access	0	🔑	

Edit: OK Func: M/↩

F1
F2
F3
F4

F5
F6
F7
F8



1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/↩

7 PQRS 8 TUV 9 WXYZ ←

* 0 # ⦿





F1

F2

F3

F4

F5

F6

F7

F8





F1

F2

F3

F4

F5

F6

F7

F8





F1

F2

F3

F4


F5


F6


F7

F8



ID NO	Name	FP	PWD	Card
13276164	Felicia	1		
1798665				
6567886				
5892496				
1				
2				
3		0		

System 

 No attendance log!

F1
F2
F3
F4

F5
F6
F7
F8





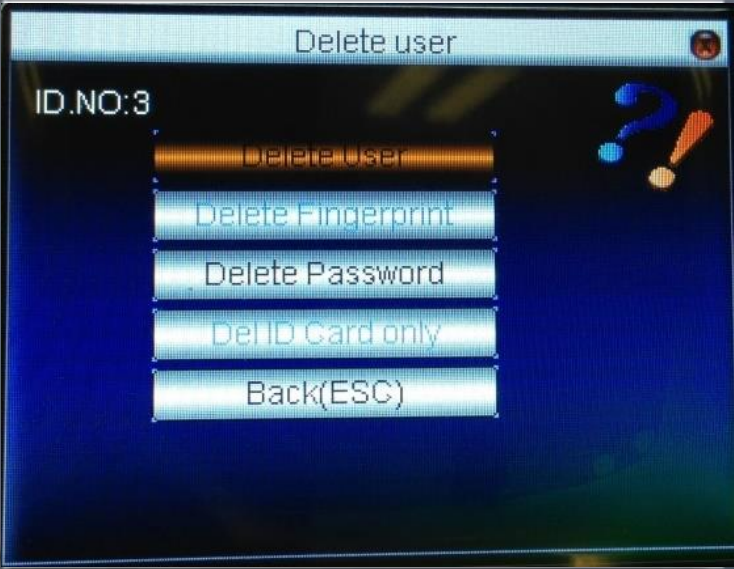
1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # 

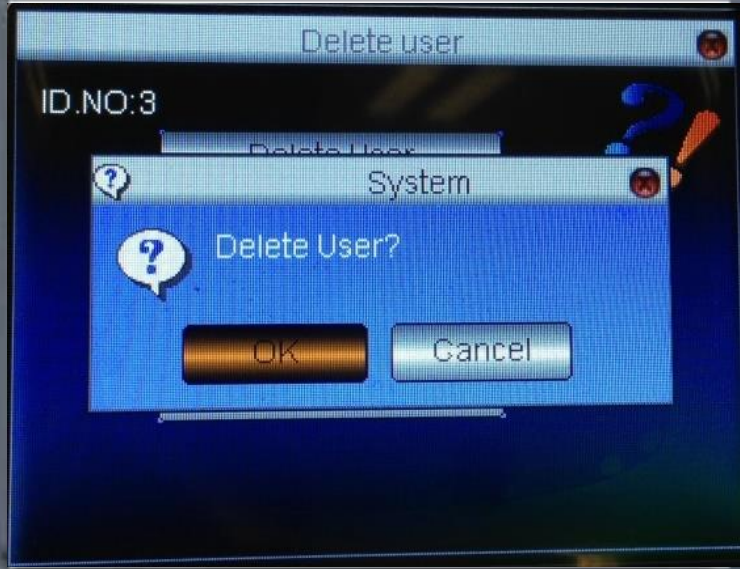




F1
F2
F3
F4

F5
F6
F7
F8





F1
F2
F3
F4

F5
F6
F7
F8





F1
F2
F3
F4

F5
F6
F7
F8



User Access

ID.NO 3 Group No. 1

Use TZ Grp TZ

Duress FP Manage Sum:0

OK(M/←) Back(ESC)

F1
F2
F3
F4

F5
F6
F7
F8

▲
◀ OK ▶
▼

1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # Ⓞ



F1

F2

F3

F4

F5

F6

F7

F8



SMART

Network

DHCP OFF

IP Address 192 168 100 142

Subnetmask 255 255 255 0

Gateway 192 168 100 254

DNS1 192 168 100 2

DNS2 192 168 100 3

Netspeed Auto

OK(M/←) Back(ESC)

F1

F2

F3

F4

F5

F6

F7

F8

OK

1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # Ⓞ



F1
F2
F3
F4

System Data Mng Update Keyboard
Display Reset Bell Misc Set.

F5
F6
F7
F8

OK

1 2 ABC 3 DEF ESC
4 GHI 5 JKL 6 MNO M/←
7 PQRS 8 TUV 9 WXYZ ←
* 0 # ◉

Barcode scanner window with a green light.



F1

F2

F3

F4

System Data Mng Update Keyboard

Display Reset Bell Misc Set.

F5

F6

F7

F8

OK

1	2 ABC	3 DEF	ESC
4 GHI	5 JKL	6 MNO	M/←
7 PQRS	8 TUV	9 WXYZ	←
*	0	#	⊙



SMART



F1

F2

F3

F4

F5

F6

F7

F8



F1



System



Data Mng



Update



Keyboard

F2

F3

F4

F5

F6

F7

F8



1	2 ABC	3 DEF	ESC
4 GHI	5 JKL	6 MNO	M/←
7 PQRS	8 TUV	9 WXYZ	←
*	0	#	⊙



SMART

F1

F2

F3

F4

F5

F6

F7

F8



System Data Mng Update Keyboard

Display Reset Bell Misc Set.



SMART

F1
F2
F3
F4

System Data Mng Update Keyboard
Display Reset Bell Misc Set.

F5
F6
F7
F8

OK

1 2 ABC 3 DEF ESC
4 GHI 5 JKL 6 MNO M/←
7 PQRS 8 TUV 9 WXYZ ←
* 0 # ⦿

Barcode scanner window with a green light.



F1



System



Data Mng



Update



Keyboard

F2

F3

F4

F5

F6

F7

F8



Display



Reset



Bell



Misc Set.



SMART



F1
F2
F3
F4

F5
F6
F7
F8



DateTime

Date 2016 - 10 - 14 (YYYY-MM-DD)

Time 10 : 46 : 14 (HH:MM:SS)

Time Format 12H

DLST OFF

OK(M/←) Back(ESC)

F1
F2
F3
F4

F5
F6
F7
F8



1 2 ABC 3 DEF ESC

4 GHI 5 JKL 6 MNO M/←

7 PQRS 8 TUV 9 WXYZ ←

* 0 # Ⓞ

