



INSTRUCTION MANUAL DA158, DA198

Technical Specification

Working Voltage and power consumption	12V DC less then 100mA
Power output for alarm (max)	100mA
Power output for EM lock (max)	5A
Card type	EM card or similar
Sensitivity reading distance	10 - 20 mm
Storage capacity	500 cards with 500 passwords.
Operating temperature	-20 degree to 60 degree
Operating humidity	20% - 90%
Weight	180 grams
Dimension	116mm x 116mm x 20mm

LED reading

Definition	Red LED	Green LED
Normal Situation	Blink every sec	
Card Verify OK		Light up
Card Invalid	Light up	
Door release		Light up
Setup mode	Light up	Blinking
Setup confirm	Light up	Light up
Alarm Activated	Fast Blinking	

Buzzer reading

Definition	Sequence	Sound
Card Verify OK	Two short	Beep. Beep.
Card Invalid	One Long	Beep.....
Password entry correct	Two short	Beep. Beep.
Password entry invalid	One Long	Beep.....
Setup confirm	One short	Beep.
Alarm Activated	Long continuous	Beep...Beep...Beep

Setup guideline

Default passwords:

Setup mode <8888>, Universal Door entry <5555>, Individual <1234>

To enter Setup mode, press <0> + <password> + <#>

When in Setup mode, (perform the following only in setup mode)

Instructions	Step	Note
To change password	Press <0> + <new password> + <#> + <re-entry new password> + <#>	Password can be 4 to 6 digit.
Change mode of entry	Press <100> + <#> Press <101> + <#> Press <102> + <#>	For card entry only. For card & password entry. For card or password entry. Default setting will be card entry only. For selection of card & password entry, user must enter password within 10 sec after flashing valid EM card. For selection of card & password entry, user cannot make a valid entry only just by card or password.
To make new card entry	Press <2> + <card ID number> + <scan card> + <#>	For multiple card entries, it is not necessary to press <#> after scanning the first card. You may continue the same steps until the last card is finished. Card ID number can be any number from 001 – 500 and cannot be repeated.
To delete ALL cards entries	Press <30000> + <#>	All programmed card entries will be deleted. Ensure setup password is available.
To delete individual card	Press <3> + <scan card> + <#>	Last scanned card entries will be deleted.
To delete individual card	Press <3> + <card ID number> + <#>	Card entry correspond to the card ID number will be deleted. This is useful if current EM card is not available.
To program EM door release delay	Press <4> + <delay time in sec> + <#>	Maximum input time can be only two-digit value. Default setting is 3sec.
To program door sensor connectivity	Press <500> + <#> for normally-close Press <501> + <#> for normally-open	Please note that door sensor will need to be installed for this function. Will be useful to alert user if door is not locked properly or left opened for too long.
To set buzzer duration	Press <6> + <buzzer duration in min> + <#>	Maximum input time can be only two-digit value. Default setting is 0min.

To set auto security lock function	Press <700> + <#> Press <701> + <#> Press <702> + <#>	To disable all auto security lock function. To enable auto lock mode 1. Upon 5 unsuccessful entries for card or password, the reader will prevent all other users from entry for 5 minutes. To enable auto lock mode 2. Upon 5 unsuccessful entries for card or password, the reader will sound buzzer. Default setting is disable auto security lock function.
To setup universal door entry password	Press <8> + <new password> + <#> + <re-entry new password> + <#>	Password can be 4 to 6 digit. User must press password follow by <#> to gain entry.
To perform master reset	Press <9> + <86>	Password will not be reset. For reset of password, please refer to hardware reset.
To exit setup mode	Press <*>	
To setup individual password	Press <*> and scan card. Enter <Old password> + <#> Enter <New password> + <#> + <re-entry new password> + <#>	User must scan card follow by new password to gain entry.

IMPORTANT: In the event of password lost or forgotten, a hard reset is possible by using the JP2 jumper to perform a hard reset. Card entry data stored in the reader will not be erased.

**Kindly contact Experience
Ray @ 97809024 or
RAYMOND @ 90687187
for Consultation / Setup / Troubleshoot if on Site support requires.**

Wish All Smooth & Good Health.

Warm Regards 3420