Actual size



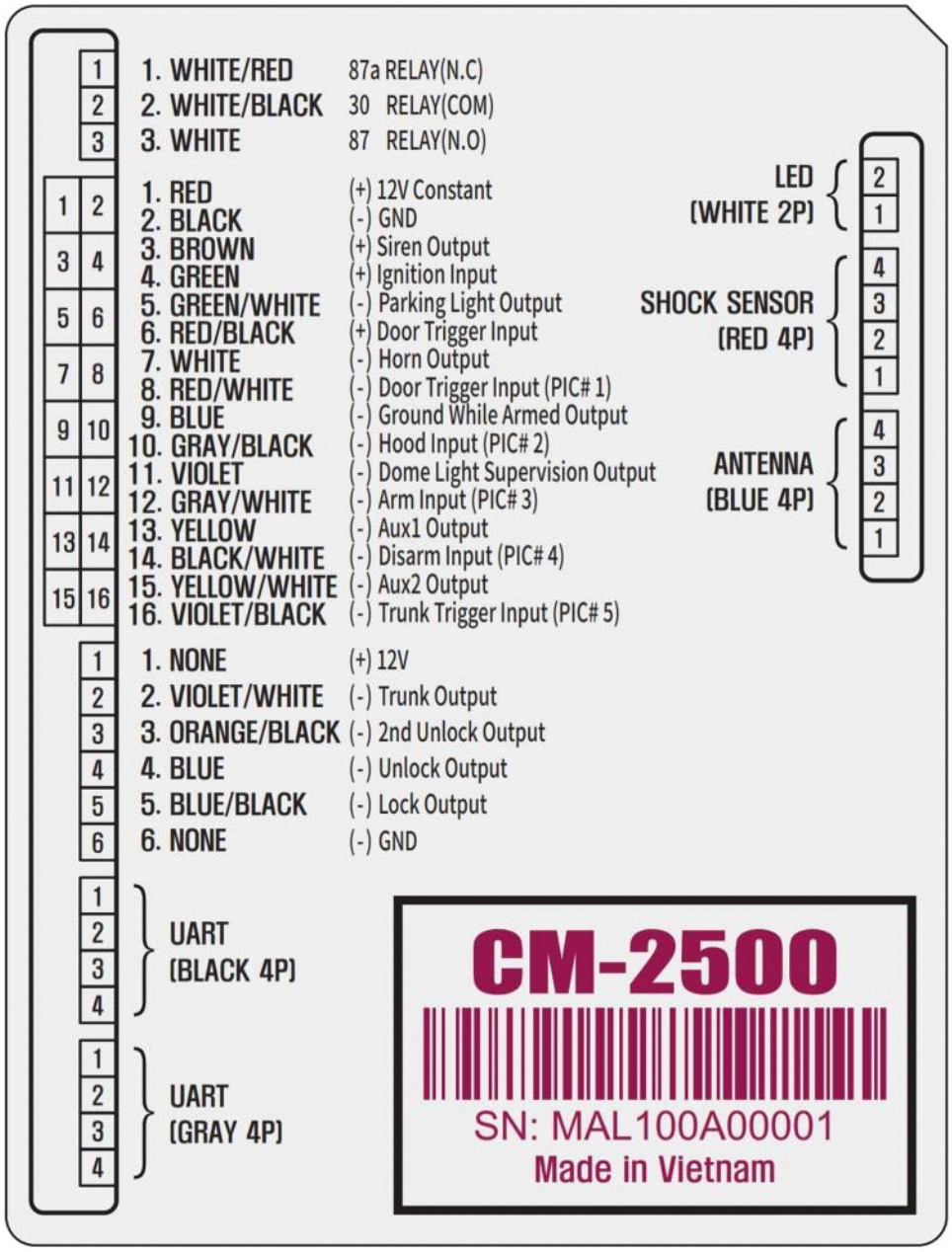
FEATURE TABLES
CM2500-A

Supports Firmware v1.25

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CM-9A (CM2500-A)Wiring Schematic (Security Only)



CM2500 Feature tables

#1	Feature group 1	Option Setting			
		Default(I)	Option (II)	Option (III)	Option (IV)
1-01	Door Pulse Duration	0.8 sec	2.5 sec	0.125 sec	3.5 sec
1-02	Double Pulse Locks	Off	Unlock	Lock	Both
1-03	Drivers Priority	Off	On		
1-04	Ignition Locks	Ignition + Foot Brake after Doors Closed	Ignition + 30 sec after Doors Closed	OFF	
1-05	Siren Duration	30 Seconds	60 Seconds	120 Seconds	Chirp for 20 Seconds
1-06	Confirmation Chirps	Medium (30ms)	Short (15ms)	Normal (60ms)	
1-07	Auto Rearm	Off	30 Seconds	60 Seconds	5 Minutes
1-08	Passive Arming	Off	On	Passive Without Locks	**Passive Locking/Arming with RFID**
1-09	Dome Light Delay	Off	5 Seconds	45 Seconds	Auto
1-10	Valet	Key 5 times, or Remote while Ignition is on	Key 5 times or Remote (I+III)	**(PIC) NEG. trigger Valet Input**	
1-11	Door Open Notify	On	Off		
1-12	Security features	On	Off		
1-13	Siren/Horn Mute Control on Remote	Disabled	Enabled		
1-14	CN4 Pin 6 (+) Input Usage	(+) Door Input	(+) Foot Brake Input		
1-15	RFID Unlock	Unlock	FTX	Off	

#2	Feature group 2	Option settings			
		Default(I)	Option (II)	Option (III)	Option (IV)
2-01	Horn Output	On double lock	On Lock and Unlock	Alarm Only	
2-02	Horn Honk	Pulsed	Latched		
2-03	(-) GWA (-)ground While Armed	Latched while armed	0.5 sec	20 Seconds	Program → Aux 4
2-04	Dome Light Output	Off Factory Rearm + 45 sec	Factory Rearm	45 Seconds	Off
2-05	Unlock/ Disarm with trunk release	Unlock, Factory Disarm, and Trunk Release	Factory Disarm, Trunk Release Only	Trunk Release Only	Aux 3
2-06	Trunk Output Timing	1 sec	0.5 sec	2 sec	Program → Aux 3
2-07	Secure Aux Output	On While armed	On	Off	
2-08	Aux 1 Output	.5 Seconds	Latched	20 Seconds	Program
2-09	Aux 2 Output	.5 Seconds	Latched	60 Seconds	Program
2-10	Aux 1 Output Control	By Remote	Arm	Disarm	Ignition Off
2-11	Aux 2 Output Control	By Remote	Arm	Disarm	With full alarm
2-12	Shock Sensor Input	FT Shock II (shock + tilt)	1st input : Disable Arm/ Disarm 2nd input : Trigger	**Drone XC DAS**	DAS Sensor
2-13	Sliding door Control for iDatalink Modules	Off	Unlock, Factory Disarm, and Sliding Door Control	Factory Disarm and Sliding Door Control Only	2-13
2-14	Soft Disarm	OFF	ON	Disarm alarm 1 press	

#3	Feature group 3	Option settings			
		Default(I)	Option (II)	Option (III)	Option (IV)
3-01	Gray port	Drone	FT-KP2		
3-02	FT-KP2 LED Flash	While armed	OFF while armed		
3-03	FT-KP2 Sensitivity	Normal Sensitivity	High Sensitivity	Low Sensitivity	Lowest Sensitivity
3-04	**Secure Start N/O Timer**	**Off**	**2 min**	**4 min**	**1-10 min (10 min default) PROG using AUX 5 timer**
3-05	**Secure Start N/C Timer**	**Off**	**1 min**	**2 min**	**4 min**
3-06	**Starter-kill output**	**Starter-kill / GWA**	**Secure start N/C**	**Secure Start N/O**	
3-07	**BLACK UART PORT**	**IDATALINK 2-WAY**	**DRONE**		

S-#1	Special option group 1	Settings
1	AUX1 output time	1 ~ 99 [seconds], LA(Latch)
2	AUX2 output time	1 ~ 99 [seconds], LA(Latch)
3	AUX3 output time	1 ~ 99 [seconds], LA(Latch)
4	AUX4 output Time	1 ~ 99 [seconds], LA(Latch)
5	**AUX 5 (Secure Start Time)**	1-10 Minutes, with OP500 update v.36+

S-#4	Special Option group 2	Setting Value			
	Programmable Relay Control	Option			
1	PRC #1 (Default: Parking light)	Parking Light [1]	Priority Unlock [5]	Aux2 [9]	
2		Horn [2]	Trunk Release [6]	Rearm [10]	
3		Lock [3]	Dome Light [7]	Disarm [11]	
4		Unlock [4]	Aux1 [8]		

S-#4	Special Option group 3	Setting Value			
	Programmable Input channel	Options			
1	PIC #1 (Default: (-) Door Input	(-) Door Input [1]	(N/C) Door Input [6]	(-) Closed Loop Input [11]	
2	PIC #2 (Default: (-) Hood Input	(-) Hood Input [2]	(N/C) Hood Input [7]	(-) Key Sense Input [12]	
3	PIC #3 (Default: (-) Pre-Warn Input	(-) Pre-Warn Input [3]	(N/C) Trunk Input [8]	(-) Ign, Trunk, Shock, Bypass Input [13]	
4	PIC #4 (Default: (-) Trigger Input	(-) Instant Trigger Input [4]	(-) Arm Input [9]	(-) 2nd Closed Loop Input [14]	
5	PIC #5: (-) Trunk Input	(-) Trunk Input [5]	(-) Disarm Input [10]	(-) Valet Input [15]	

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Wiring Diagrams

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NOTES: