

HANASIS MICUS7/10 MSR(HM-100U) MANUAL



Hanasis R&D 2011-05-16



- Contents -

1.	MSR	Utility Starting3
2.	MSR	Utility Menu4
3.	MSR	Setting Value Initialization5
4.	MSR	Setting Value Change6
5.	When	use OPOS Driver(Hanasis)6



1. MSR Utility Starting



[When MSR is connected]

[When no MSR]

- 1) Double-click the "MSR Config Utility V2.20.exe".
- 2) Then, the MSR utility window is opened.
- 3) If MSR is connected, the model name, F/W version and current setting values are uploaded and displayed.
- 4) If no MSR or problem with connection, "Unknown" message is displayed.



2. MSR Utility Menu

MCR configuration utility : VER 2.20	×	ISO	11 8
Setting Module setting C ISO 2 C ISO 182 C ISO 283 C ISO 18283	FWVVER HM-100U VER 1.280	ISO2	TRACK#2
Track setting ✓ Start code ✓ End code ✓ Global CR	SETTING Factory setting	ISO1&2	TRACK#1 + TRACK#2
ISO 1 % DATA ? V	Setting	ISO2&3	TRACK#2 + TRACK#3
ISO 3 ; DATA ? V	OPTION Firmware Update	ISO1&2&3	TRACK#1 + TRACK#2 + TRACK#3
%ABCDEF@HUKLMN0P0001111122222? ;159917180200013900=? ;00000000000844490780000150000000000000000000000000000000	Clear test EXIT		

- 1) Module Setting
 - ① Select MSR ISO Track
 - ② For domestic(Korea), ISO#2 is default value.

2) Track Setting

- ① Input the Start / End Code Value
- 2 Check/uncheck Enter(Each CR) or Global CR

%ABCDEFGHIJKLMNOP0001111122222? IS ;159917180200013900=? IS ;00000000008444907800001500000000000000000000000 IS	0#1 0#2 0#3	%ABCDEFGHIJKLMNOP0001111122222?; I ISO#1	159917180200013900=3 ISO#2	; <u>0000000000</u> ISO#3
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[When Global CR no check]

[When Global CR check]

3) Set Value send to MSR

- 1 When setting finish, click the "Setting" button, then the value is sent to MSR.
- ② If the value is changed at MSR CPU normally, buzzer beep 3-times.

4) MSR Test

- ① Move the cursor to test window(③) and read MSR. Then MSR reading value is displayed.
- ② If you want to erase the reading value, click "Clear test" button.



3. MSR Setting Value Initialization

MCR configuration utility : VER 2.20		MCR configuration utility : VER 2.20	×
Setting Module setting SISO 2 SO 182 C ISO 283 SO 18283 Track setting So 1 SO 182 C ISO 283 SO 18283 Track setting So 1 SO 1 SO 182 C ISO 283 SO 18283 Track setting So 1 SO 182 C ISO 182 C ISO 18283 Track setting So 182 C ISO 182 C ISO 182 C ISO 18283 Track setting So 182 C ISO 182 C ISO 182 C ISO 18283 Track setting So 182 C ISO 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 182 C ISO 18283 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 C ISO 182 C ISO 182 So 182 C ISO 182 So 182 C ISO 182 C ISO 182 So 182 C ISO 182	FMV VER HM-100U VER 1.280 SETTING Factory setting Setting OPTION Firmware Update Clear test EXIT	Setting FMV VER Module setting FMV VER Image: Setting FMV VER Image: Setting FMV VER Image: Setting SETTING Start code Find code Start code Global CB Image: Setting Factory setting Image: Sold Sold Sold Sold Sold Sold Sold Sold	e
[STEP-01]		[STEP-02]	
MCR configuration utility : VER 2.20	×	MCR configuration utility : VER 2.20	×
Setting Module setting So 2 C ISO 182 C ISO 283 C ISO 18283 Track setting Start code End code Global CR ISO 1 MSR Config Utility V2.20 X ISO 2 DATA Success!	FAV VER HM-100U VER 1.280 SETTING Factory setting Setting	Setting FAV VER Module setting FAV VER Image: Setting FAV VER Track setting Setting Start code End code Iso 1 DATA Iso 2 DATA Iso 2 DATA	
ISO 3 : DATA 확인	OPTION Firmware Update	ISO 3 DATA ? Image: Control of the second secon	e
	EXIT	159917180200013900= MSR TEST EXIT	

[STEP-03]

[STEP-04]

1) Click the "Factory setting" button. Then all values are initialized.

2) Each initial values are below:

- ① Module Setting : ISO2
- ② Track Setting
 - -. Start code : Unchecked
 - -. End code : Unchecked
 - -. Enter : Checked (ISO#2 only)
 - -. Global CR : Unchecked



4. MSR Setting Value Change

MCR configuration utility : VER 2.20	×	MCR configuration utility : VER 2.20
Setting Module setting Solution So	FAV VER HM-100U VER 1.280 SETTINO Factory setting Setting OPTION Firmware Update Clear test EXIT	Setting Module setting C ISO 2 C ISO 182 C ISO 283 C ISO 18283 Track setting V Start code ISO 1 % DATA ISO 2 ; DATA Success! ISO 3 ; DATA X2 Clear test EXIT
[STEP-01]	_	[STEP-02]
MCH configuration utility : VEH 2,20 Setting Module setting ISO 2 ISO 182 ISO 2 ISO 182 ISO 2 ISO 182 ISO 1 ISO 182 ISO 2 ISO 184 ISO 3 ISO 1	FAV VER- HM-1009 VER 1.280 SETTINO Factory setting Setting OPTION Firmware Update Clear test EXIT	

[STEP-03]

1) After changing the value, click the "Setting" button. Then the value is sent to MSR.

5. When use OPOS Driver(Hanasis)

MCR configuration utility : VER 2:20	V VER HM-100U VER 1.280 VER 1.280 Factory setting Factory setting Seting Sett
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1) If you use the hanasis OPOS Driver, the start codes have to be changed like above characters.