User Manual

1. **Computer Requirements:** Most SATA HDD interface computers, win7 32bit, Dual-core processor, over 3G of memory.

2. **Software content:** according to the logos display on the comptuer desktop:

1) BMW Group ISPI Admin Client (V1.1.808)

software management program, which displays ISPI software installation version and offline version.

2) BMW Group ISTA (V3.50.10.14280)

BMW Diagnostic program, Circuit diagram, maintenance information.

3) BMW Group ISTA-P (V3.56.1.002)

BMW coding program, Expert Mode.

4) ETK (Loka1) (V2015.06)

BMW Accessories inquiry system.

5) KSD (V2015.05)

BMW repair woring hours query system.

6) Engineer tools

(Engineer version software file)EasyComnnect ICOM Connection tools

●E-sys F series BMW Diagnosis Programing Coding

●INPA E series BMW Diagnosis

ItoolRadar ICOM Connection Tool

NCS-Expert tool E BMW Coding tool

WinKFP E Series BMW Programing Tool

Win 7 language select:
 Change windows operation system languages
 3. Software Usage:

•For Diagnosis: BMW Group ISTA

After you open the sofware, if it is not full screen, pls double-click **"RHEINGLOD** "on the left corner of the top of the software as pic 1. Then you can go to the full screen mode.

Pic1:

Pic2:

RHEINGO	DLD 🔪	2	4	ョ	P.	×		51	1	1		1	?		×
	BMW Serv Workshop	syst	em								MI	NI S	Servi hop	ce syste	em
Operations	Vehicle information	Vehick manag	e pement		Servi	ce plan		Favourite	IS	Wor Ope	rkshop/ erating flui	ds	Measu	ring s	
News					1								Date		
ISTA version 3.45	9 - Contents and noies, dia	gnoois			b	ciacite	GILL			1 611 21			27/03/2		
ISTA version 3.48	9 - New contents for repair	iterature	č.										26/03/24	015	
ISTA version 3.48	9 - Contents and notes, no	n-electric	al diagn	osis (N	IED)								25/03/26	015	
ISTA usage notes	5												17/09/2	014	

• For change the language of diagnosis:

click the top Wrench symbol on the top of the software as the pic2, then

RHEINGOLD		n	.4	39	•	1	108	15	0	<u>.</u>	-	1.20	?	*	×
BM	W Sen	vice									MI	NIS	ervi	ce	-
dministration														?	×
Client settings Deal	ler data	Versio	90		Trac	efer Monit	or	Problem handling		VCI Config	Ē				
Select language O American English (en	US) O British	English (en-GB	0	Deutsc	h (de-DE)		O Espa	ñol (es-Eŝ	5)	01	rancais	(fr-FR)		
O Italiano (it-IT)	O Polski	(pI-PL)		0	čeština	(cs-CZ)		O Portu	iguits (pt-l	PT)	01	lürkçe (b-TR)		
O Svenska (sv-SE)	O Nederl	ands (nl-	NL)	0	Indone	sia (id-1D)		O ship	nică (el_G	RO	0,	усский	(ru-RU)		
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Select brand															
BMW / MINI	O BMW/	PKW		0	BMW i			O MINI			01	SMW / N	fotomad		
O Camanana Motore															

you can change the language of diagnosis.

Begin to diagnose: when it displays "ICOM", you can click the right corner below of the software, make connection, start diagnosis. (If the status display as "firmware", it means the ICOM firmware needs to update firstly, then it can begin diagnose)

/IN:	Vehicle:		d i terrent terrent i
Operations 1	Vehicle information	Vehicle management	Service plan
New	Finished		
VIN	Read Out Vehicle Data 2	Basic Features	

Switch on the ignition or activate the testing-analysis-diagnosis at the vehicle.



•For Program, ISTA-P:

After open program, click "Reset setting", then turn off it. Reopen the program, you can enter the setting interface of program language and resolution.



•Choose Language:

	ngs
location:	IData\BMW\ISPI\DATA\TRIC\ISTA-
Language:	American English
	American English
Resolution:	British English
	Chinese
Expert Mode:	Dutch
and the second second	French
	Geman
CONTRACTOR OF	Greek
	Indonesian
	Japanese
	Korean
	Polish
	Portugese
	Russian
	Swedish
	Taiwanese
	Thai
	Turkish

Check the computer resolution, make sure the computer resolution is the same with the ISTA-P-Settings Resoution. If the computer resolution cannot find in ISTA-P settings resoution, pls choose the lower resolution than the computer resolution on ISTA-P Settings to open the software.

After setting ok, pls choose the right vehicle to program, (we offer BMW cars, MiNi, BMWW motorcycles, Rolls-Royce), after enter the system, click directly **Establish a new dialogue** to program.



ETK, Accessories query system:

Click here to set language and other options

rts search Part Use Additional Information	Extras Administrati	on Help Print
estropio Parte Catalogua	Login	
fronic Parts Catalogue	Close ETK	
	Settings	
	Proxy Parts list overview Parts List	
	Options Delete Vehicle ID	

Settings	Additional Information	Extras Administration He		
General settings				
Marque BMW 👻	Show Image Number	Catalogue version / regions	Shortening the search path • Yes	Local diagram For market (top priori
	Detailed	All	O No	No selection 👻
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Car Motorcycle	Production Date Displ Aways On Request	ECE EGY IDN IND JAP	Only options mounted on the belt • Yes No* • perioritings also included in the parts search)	Quantity Selection © Quantity 1 ○ Installation quantity
Scope of Catalog Main Catalogue BMW Classic	Search in local catalogue	MEX MYS PHL RUS		
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No restriction 👻	english 🔹	VNM		
	english 🔶	ZA		
ayout settings ☑ Use large type size ☐ Scale tables to fit in wi	US english español Français fitaliano 日本語	Yes No		
	한국어 Nederlands +	✓ OK 🛛 🗱 F	Reset	



For KSD Repair Working hours Query System:

For Engineer version software: (Attention: this software only offer those engineers who own professional knowledges, if you are not familar with the software, we do not recommend you use this software for test) INPA, Winfp, NCS-Expert. Before use these

Click "setting" on the left corner below, set language and other options

software, need to connect with ICOM.

1. Open file "engineer tools", open ItoolRadar, choose first line, when "Reserve" appears on the right, click "Reserve"

2. Open EasyConnect, set as the below pic. Attention: The IP address should be the same with ICOM IP addres.

Active Services	effected by SLD					Filter Device State Filte
ice.	Service Type	Service	Device State	Property.		All
160.254.92.38	ServiceAge	MO3IBbw-wd@IEGM	Free	Firmto ana Reve 138	1	
169 251 92 28	Sa Senaceane	U ivm.connector	N/A	Diage		Function

	ппі	ВАП	AR	
Active Services Lists all services of	fered by SLP.			
In+	Service Type	Service	Device State	Property
		🕑 bmw-vci@ICOM	Reserved	FirmwareRev=138
169.254.92.38	- Service-igen			

Now ICOM status will be changed from Free to Reserve.

File	Tools	Help	
rile	10015	пер	
	Ea	syConnect by vinzer	Utility
	Type	REMOTE	•
	IP	169.254.92.38	•
	Mode	Base	•
	Battery		Ignition
	Battery		Ignition
	Battery		Ignition
	Battery	PS Lock OP	Ignition S Unlock
	Battery	PS Lock O OP COM Lock O ICO	Ignition S Unlock
	Battery	PPS Lock © OP COM Lock © ICO ECK C	Ignition S Unlock M Unlock

After you set ok, click **Check**, check until the battery power and the ignition switch, it is ok.



3. Open INPA, Winkfp, NCS, then it can be connected.

SINPA - Loader: BMW INPA (Group Diagnose) Version 5.00 About		- • •
BMW INPA (Group Diagnose)		
° Battery : 🌑 on	Ignition : 🔵 off	
< F1 > Information	<shift> + < F1 > Change Editor</shift>	
< F2 > E39 (All Models / M5)	<shift> + < F2 > E90 (E91, E92, E93, M3)</shift>	
< F3 > E46 (All Models / M3)	<shift> + < F3 > F01 (New 7 Series)</shift>	
< F4 > E60 (E63, E64) / 5er, 6er	<shift> + < F4 > R50 (R52, R53) Mini</shift>	
< F5 > E65 (E66, E67) / 7er	<shift> + < F5 > R56 (R55, R57) Mini</shift>	
< F6 > E70 (E71, E72) / X5	<shift> + < F6 > Old Modells</shift>	
< F7 > E83 / X3	<shift> + < F7 > Engine</shift>	
< F8 > E85 (E86, E89) / Z4	<shift> + < F8 > All Transmissions / Gearbox</shift>	es
< F9 > F87 /F81 F82 F88) / 1er	<shift> + < F9 > Special tests</shift>	

splay Import/Export Co	mmunication Configurat	ion Help End	
FCU address/integration	position:		
Vehicle identification num	ber :		
Assembly identification nu	mber :		
Hardware number :			
HW interface: REMOTE:	Base_		
3ootsectorupdate ACTIVATED			
F1 Contat mode	F2 Expert mode	E3	F4
F1 Comfort mode	F2 Expert mode	F3	F4

ICOM Firware Update Instruction:

Use lan cable to connect ICOM to the computer, use 12V power adapter to charge power for ICOM or connect with the vehicle.
 Use IE explorer to open <u>http://169.254.92.38:60080/</u>

(This should be the IP address of which apprears when $\ensuremath{\mathsf{ICOM}}$

diagnosing or Use ItoolRadar to read out ICOM IP address) User name:**root**

Password: NZY11502

3. Click "Update Firmware", you will see the ICOM firmware version information.

4. Choose file "ICOM-BootImage-01-24-00.bin"

(Updte file path: D:\ICOM_Firmware-01_38_00), set image type as SYSTEM, click "Second the file".

5. When it tells "Write the image file to the flash?", click "Yes", then ICOM light will be red.

6. When it tells "The SYSTEM IMAGE update was successfull", Click "Update Firmware".

7. Click **ICOM-ApplicationImage-01-38-01.bin**, set **image type** as **APPLICATION**, click **"Send the file"**, the file is big and it will take about several minutes.

8. When it tells "Write the image file to the flash?", click "Yes", then ICOM light will become red for the second time.

9. When everthing goes normally, click "reboot". Udate is ok.

For Change win7 system language:

Open **Win7 language select**, choose the language and click as the pic below:

Name	Date modifie	d Type	Size		
🖬 BMW Group ISTA-CN	6/27/2015 8:	i2 PM Shortcut		3 KB	
👸 BMW Group ISTA-DE	6/27/2015 8:5	52 PM Shortcut		3 KB	
🗃 EasyConnect 🎓 E-Sys	S Vistalizator 2.51				
 ETK Accessories (Local) ETK Admin ICOM_Firmware-01_38_0 INPA IToolRadar NcdCafdTool NCS-Expert tool Tool32 	Languages Help System configuration System: Wind Original language: Englie Current language: Englie New language: not so Installed languages	ows 7 Professional sh sh et	32-bit SP1		Exit About Help
🗊 win7 language select	Language	Type	Mode		Add languages
📸 WinKFP	Chinese (simplified)	MUI	Internal		
	Czech	MUI	Internal		Change language
	English	MUI	Internal		
	French	MUI	Internal		Remove language
	German	MUI	Internal		
	25.0 (0.000)	- Street a	100000000000000	1	