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:

	BMW Serv Workshop					Service shop system
Operations	Vehicle information	Vehicle management	Service plan	Favourites	Workshop/ Operating fluids	Measuring devices
Nerwes			And the set	n i i an a station		Date
ISTA version 3.4	9 - Contents and notes, dia	gnoois	boddie ci	centere cheng	E THUR AND SHALL	27/03/2015
ISTA version 3.4	9 - New contents for repair	literature				26/03/2015
ISTA version 3.4	9 - Contents and notes, nor	n-electrical diagnosis (NED)			25/03/2015
	5					17/09/2014

• For change the language of diagnosis:

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

F	BMW Ser	vice					MINIS	between .	And in case of the local division of the loc	17
Iministration								100	?	1
Client settings	Dealer data	Version		Transfer Monitor	Problem handling	VCI Config				
Select language										
O American English	(en-US) O British	English (en-GB)	OD	eutsch (de-DE)	O Español (e	is-ES)	O Françai	s (fr-FR)		
O Italiano (it-IT)	O Polski	(pl-PL)	O ö	eština (cs-CZ)	O Portugués	(pt-PT)	O Türkçe	(tr-TR)		
O Svenska (sv-SE)	O Neder	lands (nl-NL)	O In	donesia (id-10)	Ο ελληνικά (el_GR)	О русский	(ru-RU)		
〇 中文(简体) (zh-CN) O 中文(1	截體) (zh-TW)	0	本 (ja-JP)	〇 한국의 (MD	-KR)	0 ภาษาไท	a (th-TH)		
Select brand										
O BMW / MINI	O BMW	/ PKW	OB	MW i	O MINI		O BMW/	Motorrad		
O Campagna Motors										

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:		
Operations 1	Vehicle information	Vehicle management	Service plan
New	Finished		
VIN	Read Out Vehicle Data	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:

ISTA-P Setti	ngs
Location:	IData\BMW\ISPI\DATA\TRIC\ISTA-P
Language:	American English 🔹
Resolution:	American English British English Chinese
Expert Mode:	Czech Dutch French
	German Greek
	Indonesian Italian
	Japanese Korean
	Polish Portugese
	Russian Spanish
	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

ts search Part Use Additional Information	Extras Administrati	ion Help Print
ctronic Parts Catalogue	Login	
Tortic Parts Catalogue	Close ETK	
	Settings	
	Proxy Parts list overview Parts List	
	Options Delete Vehicle ID	

Settings				
eneral settings				
Marque	Show Image Number	Catalogue version /	Shortening the search path	Local diagram
BMW 👻	Compressed	regions	Yes	For market (top priori
	Detailed	All BRA	O No	No selection -
		CHN		Additional markets 👻
Product Type	Production Date Displ	ECE	Only options mounted	Quantity Selection
Car	Always	EGY	on the belt	Quantity 1
O Motorcycle	O On Request	IDN	Yes	O Installation quantity
C moloreyere		IND JAP	○ No*	
		MEX	* (retrofittings also included in the parts search)	
Scope of Catalog	Search in	MYS		
Main Catalogue	local catalogue	PHL		
O BMW Classic		RUS		
Steering	Language	THA		
No restriction -	english 🔻	VNM		
	english 📩	ZA		
ayout settings	US english	Display tips and tricks		
Use large type size	español	• Yes		
1월 25일 전 20일 전 11월 20일 전 20	Français	O No		
Scale tables to fit in w	ir italiano —			
	日本語			
	한국어	🗸 OK 🛛 🗙 I	Reset	
	Nederlands -			



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.

Lists all services offered by SLP.			Device State Filter.
Ic+ Service Type Service Devic	e State Property	i ka	Al
160.254.92.38 ServiceAge. Shmw-volgIEOM Free	FirmwareRev=138	1	Function

		. RAD	AR	
-				
Active Services				
Lists all services of	fered by SLP.			
In+	Service Tyrne	Service	Device State	Property
169.254.92.38	ServiceAge	🔮 bmw-vci@ICOM	Reserved	FirmwareRev=138
	and the second	U ivm.connector	N/A	Diag=[]

Now ICOM status will be changed from Free to Reserve.

Eas File	Tools	Help	
rite			
	Ea	syConnect by vinzer	Utility
	Type	REMOTE	
	IP	169.254.92.38	*
	Mode	Base	•
	Battery		Ignition
	Battery		Ignition
		DPS Lock OP!	5 Unlock
		PS Lock () OP: COM Lock () ICO	5 Unlock
		COM Lock 🔘 ICO	5 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		
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	<\$hift> + < F4 > R50 (R52, R53) Mini	
< 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 / Gearboxe</shift>	s
< F9 > F87 (F81 F82 F88) / 1er	<shift> + < F9 > Special tests</shift>	

splay Import/Export Co	n 5.2.3 mmunication Configurat	ion Help End	
ECU address/integration;	position:		
Vehicle identification num			
Assembly identification nu	mber :		
Hardware number :			
HW interface: REMOTE:	Base_		
Bootsectorupdate 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	e,	
📷 BMW Group ISTA-CN	6/27/2015 8:	52 PM Shortcut		3 KB	
👸 BMW Group ISTA-DE	6/27/2015 8:	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: Englit Current language: Englit New language: not s Installed languages	sh	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		
		MUI	Internal		