Leica iCON Series

intelligent **CONstruction**

Licence Installation and Activation Guide Version 2.0 English

- when it has to be **right**



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1	iCON	robot 50 and iCR70	
1.1	Updat	e Firmware of the iCON robot 50 and iCR70	_
About firmware	Firmwa function include	re is program code which runs on a device, providing elementary basic ns and control programs. Common reasons for updating firmware code adding new features to the device or bug fixing. It is recommended to keep the firmware updated. Periodically check	
		for firmware updates on https://myworld.leica-geosystems.comm.	
Download firmware		The procedure is valid for any firmware.	
	Step	Description	
	1.	Go to https://myworld.leica-geosystems.com and log in.	
	2.	Go to myProducts and select your product.	_
		If your product is not in the list, click Add Product .	_
	3.	Click the Software tab and download the firmware to your computer.	_
	4.	Save the firmware into a \SYSTEM directory on the data storage device.	_
Upload firmware		Do not interrupt the power of the device during firmware upgrade! Make sure the batteries are fully charged and / or connect the device to mains.	
	Step	Description	
	1.	Insert the data storage device into the iCON robot 50 or iCR70 and turn it on.	
	2.	In the iCON software on your controller: Go to Devices and select the matching device profile to connect to the iCON robot 50 or iCR70.	_
	3.	Select Sensor Utilities > Upload Firmware.	-
		🗟 🍩 🏠 🌣 👯 0.000 🗟 🧐 🏠 🌣 👯 0.000	
		Devices iCR-2 Back Sensor Utilities	
		Communication Settings	
		Communication	
		Settings Upload Applications	
		Compensator > Upload licence key >	
		Sensor Utilities > Config set management >	
		Sensor Info > Format Devices >	
			_

4. Select the firmware and click **Start Upload**.

	Step	Description
		• The firmware update is uploading to the product.
		 The device will restart with the new firmware after the update has been finished.
	5.	A pop-up informs the user about the firmware installation status.
		Message: The firmware was successfully updated on the sensor. The sensor will now be restarted to enable the new firmware.
		Confirm the message by pressing Okay .
		If the software maintenance licence has expired: Contact your local service partner to update the software on the product.
1.2	Instal	I New Applications on the iCON robot 50
About applications	Applica [.] install a	tions are software functions which run on a device. Common reasons to applications include adding new features to the device or bug fixing.
	(B)	Some applications need to be enabled by a licence key.
	B	Periodically check for new applications or updates on myWorld.
Download application	Step	Description
	1.	Go to https://myworld.leica-geosystems.com and log in.
	2.	Go to myProducts and select your product.
	2.	Go to myProducts and select your product. If your product is not in the list, click Add Product .
	2. 3.	Go to myProducts and select your product. If your product is not in the list, click Add Product . Click the Software tab and download the applications to your computer. The zip file contains all applications.
	2. 3. 4.	Go to myProducts and select your product. If your product is not in the list, click Add Product . Click the Software tab and download the applications to your com- puter. The zip file contains all applications. Unzip the file and store the required application files in the \SYSTEM directory of the data storage device.
 Upload applications	2. 3. 4. Step	Go to myProducts and select your product. If your product is not in the list, click Add Product . Click the Software tab and download the applications to your computer. The zip file contains all applications. Unzip the file and store the required application files in the \SYSTEM directory of the data storage device. Description
_ Upload applications	2. 3. 4. Step 1.	Go to myProducts and select your product. If your product is not in the list, click Add Product . Click the Software tab and download the applications to your com- puter. The zip file contains all applications. Unzip the file and store the required application files in the \SYSTEM directory of the data storage device. Description Insert the data storage device into the iCON robot 50 and turn it on.
_ Upload applications	2. 3. 4. Step 1. 2.	Go to myProducts and select your product. If your product is not in the list, click Add Product . Click the Software tab and download the applications to your com- puter. The zip file contains all applications. Unzip the file and store the required application files in the \SYSTEM directory of the data storage device. Description Insert the data storage device into the iCON robot 50 and turn it on. In the iCON software on your controller: Go to Devices and select the matching device profile to connect to the iCON robot 50.

	Step	Description	
		🛔 🌚 🌚 🏚 👯 0.000	🗟 🏵 🏫 🏚 🛱 0.000
		Devices iCR-2	Back Sensor Utilities
		Communication Settings	Upload Firmware
		Settings	Upload Applications
		Compensator >	Upload licence key
		Sensor Utilities	Config set management
		Sensor Info >	Format Devices >
	4.	Click Start Upload . The applicatic product.	n software is uploaded to the
	5.	A pop-up informs the user about	the application installation status.
		Message: The application was suc	cessfully uploaded to the sensor.
		Confirm the message by press	sing Okay.
		Make sure to install the applicatio cation licence.	n before activating it with an appli-
	A state	If the software maintenance licent service partner to update the soft	ce has expired: Contact your local ware on the product.
1.3	Licen	ce Activation for iCON robo	t 50 and iCR70
Dear valued customer	Thank will gu	you for purchasing a licence for our ide you through the licence activatio	product. The following instructions n process.
	<u>[</u> 3]	Please register your product at htt our internet platform for our custo access to all information you requ ment. Here, detailed information of service history can be found. The the product value while at the sar ciency and productivity.	ps://myworld.leica-geosystems.com, omers. myWorld provides 24/7 ire to actively manage your equip- on individual products and their information also aids in maintaining ne time enabling maximum effi-
About licences	Licence on a d	es are key codes to enable software evice.	functions and applications which run
	E)	Order new licences on myWorld o	r via a local dealer.
Prerequisites	Make s your d	sure to have the following prerequisit evice:	tes fulfilled to activate a licence on

	 A value Lice Sto ber dev 	alid licence key or licence key file (p ence key files e.g. can be download re the licence key file (L_XXXXXX.key of your instrument) in the \SYSTEM rice. Insert the data storage device in	referred method) is required. ed from myWorld. y, where XXXXXX is the serial num- directory of the data storage nto the iCON robot 50 or iCR70.
	(A)	Alternatively for the iCON robot 50 hand.) have a printout of a licence key at
	• Lice on to c	ence activation requires a device pro the controller. Refer to the software create a device profile.	file for the iCON robot 50 or iCR70 manual for information about how
Download licence	Step	Description	
	B	The procedure is valid for any licer	nce key.
	1.	Go to https://myworld.leica-geosy	stems.com and log in.
	2.	Go to myProducts and select you	r product.
	B	If your product is not in the list, cl	ick Add Product.
	3.	On the Overview tab, click Down	load keys.
	4.	In the next window, click Save and to. Click Save .	d select a directory to save the file
	5.	Copy the licence key file (L_XXXXX number of your instrument) to the storage device.	X.key, where XXXXXX is the serial e \SYSTEM directory of the data
Activate licence	B	The procedure is valid for any licer	nce key.
	Step	Description	
	1.	In the iCON software on your cont the matching device profile to con iCR70.	roller: Go to Devices and select nect to the iCON robot 50 or
	2.	Select Sensor Utilities > Upload	licence key.
		📓 🌑 🏡 🏚 👯 0.000	🗟 🍩 🏠 🌣 👯 0.000
		Devices iCR-2	Back Sensor Utilities
		Communication Settings Communication	Upload Firmware
		Settings	Upload Applications
		Compensator >	Upload licence key >
		Sensor Utilities	Config set management
		Sensor Info	Format Devices

3. Upload the licence key file or type in the licence code manually.

	Step	Description	
		To upload a licence key file:	To type in a licence key (iCON robot 50 only):
		Select the licence key file.	Select Input of licence key and type in the licence key from the printout.
		Image: Sensor Utilities Back Sensor Utilities Upload license key Input of license code L_242842.KEY Upload License Start Upload	Image: Second
		Click Start Upload to start the act	tivation process.
	4.	 A pop-up informs the user about the Message: Licences successfully action Confirm the message by press 	the licence activation status. tivated sing Okay .
		If the software maintenance licence service partner to update the software	ce has expired: Contact your local ware on the product.
In case activation	FITHER		
fails	• con	tact your local Leica Geosystems ag	gency.
	OR		
_	• crea tha	ate new support requests on https:/ t will be answered by your local Leic	'/myworld.leica-geosystems.com ca Geosystems Support Team.

2	Builder 100-500 Series			
2.1	Licence Activation for Builder 100-500 Series			
Dear valued customer	Thank y will guid	rou for purchasing a licence for our le you through the licence activation	product. The following instructions n process.	
	3	Please register your product at htt our internet platform for our custo access to all information you requ ment. Here, detailed information of service history can be found. The the product value while at the san ciency and productivity.	ps://myworld.leica-geosystems.com, omers. myWorld provides 24/7 ire to actively manage your equip- on individual products and their information also aids in maintaining ne time enabling maximum effi-	
About licences	Licence on a de	s are key codes to enable software vice.	functions and applications which run	
		Order new licences on myWorld or	r via a local dealer.	
Download licence	Step	Description		
		The procedure is valid for any licer	nce key.	
	1.	Go to https://myworld.leica-geosy	stems.com and log in.	
	2.	Go to myProducts and select your product.		
	- And	If your product is not in the list, cl	ick Add Product.	
	3.	On the Overview tab, click Down	load keys.	
	4.	In the next window, click Save and to. Click Save .	d select a directory to save the file	
	5.	Copy the licence key file (L_XXXXX number of your instrument) to the storage device.	X.key, where XXXXXX is the serial e \SYSTEM directory of the data	
Activate licence		The procedure is valid for any licer	nce key.	
	Step	Description		
	- And	You can download licence keys fro licence".	m myWorld. Refer to "Download	
	- E	To upload a licence key, store the where XXXXXX is the serial number TEM directory of the data storage device into your product.	licence key file (L_XXXXXX.key, er of your instrument) in the \SYS- device. Insert the data storage	
	1.	Make sure that THEO mode is act	ive.	
	2.	Press the ESC key for approximate	ely 5 seconds.	
	3.	Press the SW Info key to get into	the SOFTWARE INFO menu.	
	4.	Press the MAIN.K key.		
	5.	To type in a licence key:	To upload a licence key:	
	6.	Select Method: Manual Entry Key : Type in the licence key.	Select Method: Upload key file	

	Ste	p Description
	7.	Click OK . The licence is activated and can be used.
In case activation fails	EITHI • (ER contact your local Leica Geosystems agency.
	OR	
	• (reate new support requests on https://myworld.leica-geosystems.com hat will be answered by your local Leica Geosystems Support Team.

3	iCON	gps 60		
3.1	Licence Activation on gps 60			
Dear valued customer	Thank y will guid	ou for purchasing a licence for our product. The following instructions de you through the licence activation process.		
		Please register your product at https://myworld.leica-geosystems.com, our internet platform for our customers. myWorld provides 24/7 access to all information you require to actively manage your equip- ment. Here, detailed information on individual products and their service history can be found. The information also aids in maintaining the product value while at the same time enabling maximum effi- ciency and productivity.		
About licences	Licence on a de	s are key codes to enable software functions and applications which run evice.		
	B	Order new licences on myWorld or via a local dealer.		
Prerequisites	Make s your de	ure to have the following prerequisites fulfilled to activate a licence on evice:		
	 A v req Sto ber Ins ant 	alid licence key (as a printout) or licence key file (preferred method) is puired. Licence key files e.g. can be downloaded from myWorld. ore the licence key file (L_XXXXX.key, where XXXXXX is the serial num- of your instrument) on a USB flash drive into the folder \SYSTEM . ert the flash drive into the gps 60 USB port. The memory icon in the tenna main menu will show the USB flash drive status.		
	lcon	Description		
	Storag	• USB flash drive inserted.		
	-	Licences can only be activated directly on the antenna.		
Download licence	Step	Description		
		The procedure is valid for any licence key.		
	1.	Go to https://myworld.leica-geosystems.com and log in.		
	2.	Go to myProducts and select your product.		
		If your product is not in the list, click Add Product .		
	3.	On the Overview tab, click Download keys .		
	4.	In the next window, click Save and select a directory to save the file to. Click Save .		
	5.	Copy the licence key file (L_XXXXXX.key, where XXXXXX is the serial number of your instrument) to the \SYSTEM directory of the data storage device.		
Activate licence	B	The procedure is valid for any licence key.		
		A licence key file can contain more than one licence.		
	_			

	Step	Description
	1.	Turn on the product.
	2.	With the USB flash drive inserted:
		 Go to Settings > Tools > Licences > Upload licence file All licences of the key file will be activated.
		With a licence key printout:
		 Go to Settings > Tools > Licences > Enter licence key Enter licence key manually via the virtual keyboard.
_	- 	Licence status (e.g. unit and expiry date) can be checked under Set- tings > Tools > Licences > View licences
In case activation	EITHER	
fails	• cor	itact your local Leica Geosystems agency.
	OR	
	• cre tha	ate new support requests on https://myworld.leica-geosystems.com It will be answered by your local Leica Geosystems Support Team.

4	iCON	l gps 70
4.1	Licen	ce Activation on gps 70
Dear valued customer	Thank y will guid	you for purchasing a licence for our product. The following instructions de you through the licence activation process.
	(A)	Please register your product at https://myworld.leica-geosystems.com, our internet platform for our customers. myWorld provides 24/7 access to all information you require to actively manage your equip- ment. Here, detailed information on individual products and their service history can be found. The information also aids in maintaining the product value while at the same time enabling maximum effi- ciency and productivity.
About licences	Licence on a de	es are key codes to enable software functions and applications which run evice.
	C.	Order new licences on myWorld or via a local dealer.
Prerequisites	Make s your de • A v fro • Sto ber fold C:\	ure to have the following prerequisites fulfilled to activate a licence on evice: valid licence key file is required. Licence key files e.g. can be downloaded m myWorld. ore the licence key file (L_XXXXX.key, where XXXXXX is the serial num- r of your instrument) on your CC80 into the folder \ GNSSProfiles . The der location is Users\Public\Documents\Leica Geosystems\iCON\GNSSProfiles.
Download licence	Step	Description
	- Alian A	The procedure is valid for any licence key.
	1.	Go to https://myworld.leica-geosystems.com and log in.
	2.	Go to myProducts and select your product.
		If your product is not in the list, click Add Product .
	3.	On the Overview tab, click Download keys .
	4.	In the next window, click Save and select a directory to save the file to. Click Save .
	5.	Copy the *.key file to the $GNSSProfiles$ folder of the CC80 controller.
Activate licence	B	The procedure is valid for any licence key.
	B	A licence key file can contain more than one licence.
	Step	Description
	1.	Turn on the iCON gps 70 and the CC80 controller.
	2.	Create an iCON gps 70 profile, connect to the sensor via Bluetooth and finish the profile creation.
	3.	Edit the created profile: Go to System Utilities > Upload Licence key .

	Step	Description
		Configuration System Utilities Current Configuration Configuration GPS Mode Edt Configuration Radio Channel System Information Batio Frequency System Utilities Tit Reset Options Rinex Logging Statem Configuration
	4.	Press Start Upload. System Uuller Upload Fermular WAINTERVANCE KEY: Explore Data = 20 07 2019 OPS L5 OPS L5 WAINTERVANCE KEY: Explore Data = 20 07 2019 Upload Learce key WAINTERVANCE KEY: Explore Data = 20 07 2019 Upload Learce key WAINTERVANCE WAINTERVANCE Restart or reconnect the antenna to ensure that all license changes are displayed correctly in the software.
	(B)	The licence status can be checked in System Information > Licen- ces.
In case activation fails	EITHER • con OR • crea tha	tact your local Leica Geosystems agency. ate new support requests on https://myworld.leica-geosystems.com t will be answered by your local Leica Geosystems Support Team.

iCON Software Licence Activation					
5.1	Licen	icence Activation on CC55, iCR60, iCR80, iCB60			
Dear valued customer	Thank you for purchasing a licence for our product. The following instructions will guide you through the licence activation process.				
	(B)	Please register your product at https://myworld.leica-geosystems.com, our internet platform for our customers. myWorld provides 24/7 access to all information you require to actively manage your equip- ment. Here, detailed information on individual products and their service history can be found. The information also aids in maintaining the product value while at the same time enabling maximum effi- ciency and productivity.			
About licences	Licences are key codes to enable software functions and applications which run on a device.				
		Order new licences on myWorld or via a local dealer.			
Prerequisites	 Make sure to have the following prerequisites fulfilled to activate a licence on your device: A valid licence key or licence key file (preferred method) is required. Licence key files e.g. can be downloaded from myWorld. For USB flash drive on CC55: Store the licence key file (L_XXXXXX.key, where XXXXXX is the serial number of your instrument) on a USB flash drive. First, plug the USB flash drive to the adapter cable. Second, plug the cable in the mini USB port at the CC55. Without USB flash drive: Save the key file to Extended Storage\My Documents\Leica Geosystems\iCON on the CC55. For USB flash drive and SD card on iCR60, iCR80 and iCB60: Store the license key file on a USB flash drive or SD memory card and insert it into the respective compartment on the iCR60, iCR80 or iCB60. 				
Download licence	Step	Description			
	13	The procedure is valid for any licence key.			
	1.	Go to https://myworld.leica-geosystems.com and log in.			
	2.	Go to myProducts and select your product.			
		If your product is not in the list, click Add Product .			
	3.	On the Overview tab, click Download keys .			
	4.	In the next window, click Save and select a directory to save the to. Click Save .			
	5.	Copy the licence key file (L_XXXXXX.key, where XXXXXX is the serial number of your instrument) to the \SYSTEM directory of the data storage device.			
Activate licence		The procedure is valid for any licence key.			
	Step	Description			
	1.	Turn on the product.			

Step Description

2. In the iCON software: Select **System**. Subsequently select **Add Licences**.

System

-		
	Language	>
[Display	>
	Sound	>
	About	>
	Add Licences	>
	Active Licences	

3. Tap into the input field to enter a licence code manually (CC55, iCR60, iCB60).

To type in a licence key: Tap into the input field to activate the virtual keyboard. Type in the licence key from the printout.

and a second second	
Load Key From	Manual Entry
	lardware ID
ID	1032151288372436431
	1002101200072100101

Upload of a licence key file: Tap on **Manual Entry>**. A list of all available upload paths will show up.

- Choose **Internal Memory** to select the file from the internal device storage.
- Choose **SD Card** to select the file from an inserted SD card.
- Choose **USB Memory Device** to select the file from an external USB memory device.

To upload a licence key file: Select a storage type first. Second, choose a licence key file. The licence will show up in the licence field. Press the check mark button to upload the licence.

	Step	Description			
		Millioner Neural Entry Image: Non-State State			
		Start the activation process by pressing the check mark button.			
	4.	A pop-up informs the user about the licence activation status. Message: Licences fully activated.			
		Confirm the message by pressing Okay . Make sure to install the application before activating it with an appli-			
		cation licence.			
		If the software maintenance licence has expired: Contact your local service partner to update the software on the product.			
In case activation fails	EITHER • con OR • crea that	tact your local Leica Geosystems agency. ate new support requests on https://myworld.leica-geosystems.com t will be answered by your local Leica Geosystems Support Team.			
5.2	Licenc	e Activation on CC65, CC66, CC80			
Dear valued customer	Thank y will guid	ou for purchasing a licence for our product. The following instructions e you through the licence activation process.			
		Please register your product at https://myworld.leica-geosystems.com, our internet platform for our customers. myWorld provides 24/7 access to all information you require to actively manage your equip- ment. Here, detailed information on individual products and their service history can be found. The information also aids in maintaining the product value while at the same time enabling maximum effi- ciency and productivity.			
About licences	Licences on a dev	are key codes to enable software functions and applications which run vice.			
		Order new licences on myWorld or via a local dealer.			

Prerequisites

Make sure to have the following prerequisites fulfilled for Entitlement / licence activation on your device:

- The Entitlement is found inside the iCON DVD Box.
- The Entitlement process requires an internet connection. Directly connect the controller to the internet via the **RJ45 socket with a cable**.
- To test the internet connection, open a valid webpage with the Internet Explorer.

Activate licence

The procedure is valid for any licence key.

Step Description

- 1. Turn on the product and establish a stable internet connection.
- 2. In the iCON software: Select **System**.



- 3. As shown in the graphic below:
 - 1. Select Add Licences.
 - 2. Tap into the input window and enter **Entitlement code**.
 - 3. The checkmark button appears. Press the button to accept the **Entitlement** licence.



4. Connection to the Leica Server will now be established. A pop-up informs the user about the licence activation status.

Message: Licences successfully activated

- Confirm the message by pressing **Okay**.
- 5. See Active Licences for a list of installed Licences:

	Step	Description				
			🕸 👯 0.000			
		System	Activ	ve Licenses		
		Language	iCON build			
		Display >	Maintenance 28.05.2012			
		About >	App Instrument Setup Sta			
		Add Licenses	iCON app Control line			
		Active Licenses >	iCON app As-Built			
			iCON app Sketch			
			iCON app Volumes			
		Press the home button to exit the view. The iCON software is now ready to operate.				
		Make sure to install the application before activating it with an application licence.				
	(B)	If the software mainten service partner to upda	nance licence has expl ate the software on th	ired: Contact your local ne product.		
How to activate addi- tional licences	To active • Cor on •	ate additional licences: ntact your local Leica Geosystems agency to set the licence status active the licence server.				
	Subseq • Foll	sequently Follow the steps how to activate a licence.				
In case activation fails	EITHER		oustome agone i			
	contact your local Leica Geosystems agency.					
	• creation that	ate new support requests on https://myworld.leica-geosystems.com t will be answered by your local Leica Geosystems Support Team.				

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