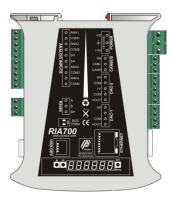
PENKO Engineering B.V.

Your Partner for Fully Engineered Factory Solutions



How to... Update the RIA700 firmware



Connect the RIA700 to a PC using the USB connection.

Open Pi Mach II. In the bottom left corner it should say "Active USB"

🕂 IdCode: 0628, Device Version: 01.02, Build: 05, Serial: 14070006, Module Version: 03.19, Build: 01, Project: C:\Pi test						
File Project Environment View Tools Help						
💕 On-Line 🐵 Eirmware Update Manager 🗜 Program Builder 🥞 Flex Builder 💷 Watches 🛛 🖓 Egit						
📙 💻 Display 🔰 🕨 Control 🌲 Tasks 🛛 🥦 1/0 🗰 Indicator & Registers 📼 Labels 🗮 F	Results 💠 Printer Layout 🎩 Printer Ticket 🛛 🌑 Clock 🗠 Scope 🛛 👔 Manage					
E- Penko	Class: Penko Path: 1					
⊞-RIA700 Analog						
	Discover Import Properties (CSV)	Apply				
🖌 ACTIVE USB 🗡 🛛 🖉 USB open 🛛 🖉 🖉	Done	li.				

If it says "Error USB" make sure that the USB driver is installed. The drivers can be downloaded at our website <u>www.penko.com</u>.

If you still get "Error USB" go to **Environment** and click on **Communication**.

T ² IdCode: 0628, Device Version: 01.02, Build: 05, Serial: 14070006, Module Version: 03.19, Build: 01, Project: C\Pi test						
Eile Project Environment View Iools Help						
💕 On-Line 🗱 Communication unager 🔁 Program Builder 🧠 Flex Builder 🗔 Watches 🛛 🛃 Exit						
Display Restore Device Restore Device Restore Device Restore Device	Results 🛛 🏭 Printer Layout 🎩 Printer Ticket 🛛 🜑 Clock 🗠 Scope 🛛 🎦 Manage					
⊟- <mark>Penko</mark>	Class: Penko					
⊡ Device root ⊡ RIA700 Analog	Path: 1					
- Contracting						
	Discover Import Properties (CSV)	Apply				
ERROR USB USB open error 0% Done						



A popup screen will appear, click on the tab "USB" and click on "Discover".

T ² IdCode: 0628, Device Version: 01.02, Build: 05, Serial: 14070006, Module Version: 03.19, Build: 01, Project: C:\Pi test					
File Project Environment View Tools Help					
🕺 On-Line 🛛 🛞 Eimware Update Manager 🚡 Program Builder 🧠 Fjex Builder 🧰 Watches 🛛 🥥 Egyt					
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⊡- Penko Class: Penko ⊡- Device root Path: 1					
Communication Setup Comport Ethernet Usb Connected usb device(s) OK Discover Discover	Apply				
USB open error 0% Done					

The RIA700 should appear and click on "OK".

π ² IdCode: 0628, Device Version: 01.02, Build: 05, Serial: 14070006, Module Version: 03.19, Build: 01, Project: C:\Pi test						
File Project Environment View Tools Help						
📔 💕 On-Line 🛛 🛞 Eirmware Update Manager 🚡 Program Builder 🧠 Flex Builder 🧰 Watches 🛛 🦣 Egit						
📃 🖳 Display 🕨 Control 🌒 Tasks 🛛 🖫 1/0 🗰 Indicator & Registers 🖚 Labels 📰 Results 🛛 🏭 Printer Layout 🍶 Printer Ticket 🛛 🌑 Clock 🗠 Scope 🛛 🕻s Manage						
Benko Class: Penko Benko Path: 1						
Communication Setup						
Discover Import Properties (CSV)	A	oply				
USB open error 0% Done						



Click on Firmware Update Manager

🕂 IdCode: 0628, Device Version: 01.02, Build: 05, Serial: 14070006, Module Version: 03.19, Build: 01, Project: C\Pi test					
File Project Environment View Tools Help					
🕺 On-Line 🛛 🕺 Eimware Update Manager 🐔 Program Builder 🧠 Flex Builder 🔲 Watches 🛛 🧔 Egit					
📗 🖳 Display 🗼 Control 🍈 Tasks 🔨 1/0 🗯 Indicator & Registers 📼 Labels 🗮 Results 🛛 🏭 Printer Layout 🕭 Printer Ticket 🛛 🌑 Dock 🗠 Scope 🛛 👔 Manage					
B- Penko Class: Penko B- Device root Path: 1					
Discover Import Properties (CSV)					
ACTIVE USB USB open 0% Done					

Click on Open en select the file you want to use. Now click on Firmware Update

Two Phase Software Update						
Elle Settings Devices Help						
🛛 😂 Open 🖉 Processor 💹 ARM7 💽 Offset \$10280000 🕜 Checksum 🛛 🖾 Search for devices 🚺 Firmware update 🛛 🗏 Exit						
Device	Id-code S	Softw Version Status				
0.		Idie				
File: C:\Users\mrossum\Desktop\Software\RIA700Analog V1.2.1.9.0.5.pip						
Info Output						



Cover Software - 4 Zoeken in Software		
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Organiseren 🔻 Nieuwe map		2
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RIA700Analog V1.2.1.9.0.5.pip 5-2-2014 9:30 PIP-bestand	111 kB	
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🥽 Bibliotheken		
🔄 Afbeeldingen 🗮		
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Bestandsnaam: RIA700Analog V1.2.1.9.0.5.pip	n)	J.
Openen Ani	nuleren	

Now click on Firmware Update

Two Phase Software Update					
Elle Settings Devices Help					
📄 😂 Open 🛛 Processor 🕎 ARM7 💽 Offset \$102	80000 🔽 Checksum 🛛 🖾 Search for	devices Fjrmware update	🛃 Exit		
Device	Id-code Softw Version	Status			
0.		Idle			
			N		
File: C:\Users\mrossum\Desktop\Software\RIA70	Analog ¥1.2.1.9.0.5.pip				
Info Output					
Idle					

The Update should start, after this the update is complete and the RIA700 will reboot.



Two Phase Software Update						
Eile Settings Devices Help						
Pro	ocessor 💹 ARM7 🛛 🔽 Offset \$10	1280000 🔽 <u>C</u> hecksum	<u>S</u> earch for	r devices 🧧 Firmware update 📗	😓 <u>E</u> xit	
Device		Id-code 9	Softw Version	Status		
₽ 0-				Updating image	e 1/1 [45%]	
File: C:\Users\m	nrossum\Desktop\Software\RIA7(00Analog V1.2.1.9.0.5	5.pip			
		-				
Info Output						
Write						

The RIA700 is now updated and ready for use.





About PENKO

Our design expertise include systems for manufacturing plants, bulk weighing, check weighing, force measuring and process control. For over 35 years, PENKO Engineering B.V. has been at the forefront of development and production of high-accuracy, high-speed weighing systems and our solutions continue to help cut costs, increase ROI and drive profits for some of the largest global brands, such as Cargill, Sara Lee, Heinz, Kraft Foods and Unilever to name but a few.

Whether you are looking for a simple stand-alone weighing system or a high-speed weighing and dosing controller for a complex automated production line, PENKO has a comprehensive range of standard solutions you can rely on.

Certifications

PENKO sets high standards for its products and product performance which are tested, certified and approved by independent expert and government organizations to ensure they meet – and even – exceed metrology industry guidelines. A library of testing certificates is available for reference on:

http://penko.com/nl/publications_certificates.html

PENKO Professional Services

PENKO is committed to ensuring every system is installed, tested, programmed, commissioned and operational to client specifications. Our engineers, at our weighing center in Ede, Netherlands, as well as our distributors around the world, strive to solve most weighing-system issues within the same day. On a monthly basis PENKO offers free training classes to anyone interested in exploring modern, high-speed weighing instruments and solutions. A schedule of training sessions is found on: www.penko.com/training

PENKO Alliances

PENKO's worldwide network: Australia, Belgium, Brazil, China, Denmark, Germany, Egypt, Finland, France, India, Italy, Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Syria, Turkey, United Kingdom, South Africa, Slovakia Sweden, Switzerland and Singapore. A complete overview you will find on: www.penko.com/dealers

