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Beijer ELECTRONICS CloudVPN Gateway Ethernet User Guide

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Beijer ELECTRONICS CloudVPN Gateway Ethernet

Connectivity specifications

Connectivity specifications		
CloudVPN Gateway Eth		
CloudVPN Gateway Eth+LTE		Region: Worldwide LTE: 81/ 82/ 83/ 84/ 85/ 87/ 88/ 812/ 813/ 818/ 819/ 820/ 825/ 826/ 828/ 838/ 839/ 840/ 841 WCDMA: 81/ 82/ 84/ 85/ 86/ 88/ 819 GSM: 82/ 83/ 85/ 88
CloudVPN Gateway Eth+WIFI	802.11b/g/n Client+ AP mode	
CloudVPN Gateway Eth+WIfi +LTE	802.11b/g/n Client+ AP mode	Region: Worldwide LTE: 81/ 82/ 83/ 84/ 85/ 87/ 88/ 812/ 813/ B18/ 819/ 820/ B25/ 826/ B28/ 838/ 839/ B40/ 841 WCDMA: 81/ 82/ 84/ 85/ 86/ 88/ 819 GSM: B2/ 83/ 85/ B8

All models can connect via a wired connection (Ethernet cable).

General specifications

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Ports	5x GbE (4x LAN, 1x WAN), 1x USB2.0
Power supply	12-24 VDC +/- 20% LPS 2A
Power consumption	About 2.5 to 5 Watt (idle)
Temerature range	-20°C to 65°C
Dimensions	111 x 95 x 28mm
Physical specs	Metal case, IP20, DIN rail mountable
Certifications	UL CERTIFIED E513048 CE FC
Warranty	Two years
CloudVPN service in acirro+	Lifetime access included

Warning
The CloudVPN Gateway allows the user to remotely connect to industrial control equipment via Ethernet, Wi-Fi, and cellular network connections. The remote user may fully operate and monitor the local control system and affect the function and control of the application similar to a local operator. Proper Control, Security and Safety Procedures should be considered andimplemented when utilizing the remote access feature.

Wi-Fi and 4G models
The antenna used with this transmitter must be installed with a separation distance of at least 20 cm fromn all persons and must not be co-located or operated in conjunction with any other antennas or transmitters. Only an antenna tested with the wireless transmitter or a similar antenna with equal or lesser gain may be used This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. this device must accept any interference received,including interference that may cause undesired operation.
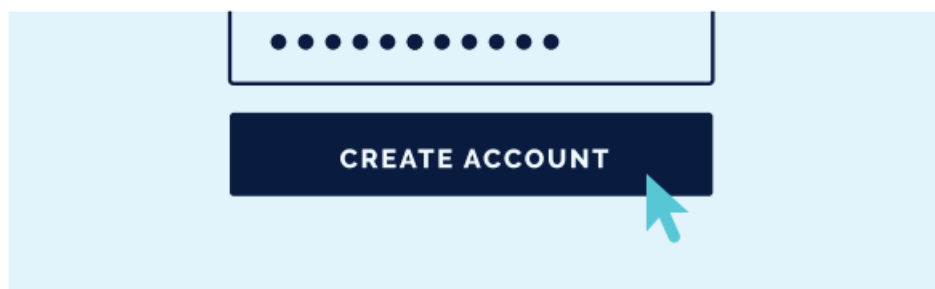
Create your account
Get started with the CloudVPN Gateway by creating an account on CloudVPN service in acirro+ Set up your own user and company account by visiting **cloudvpn.acirroplus.com**

Get config

Easily create the configuration file for your CloudVPN Gateway from your own user.
Just go to Tools > Start configuration and start the self-explaining wizard. Save the downloaded le to a USB flash drive (we do no include USB Drive) using the exact filename **router.config**
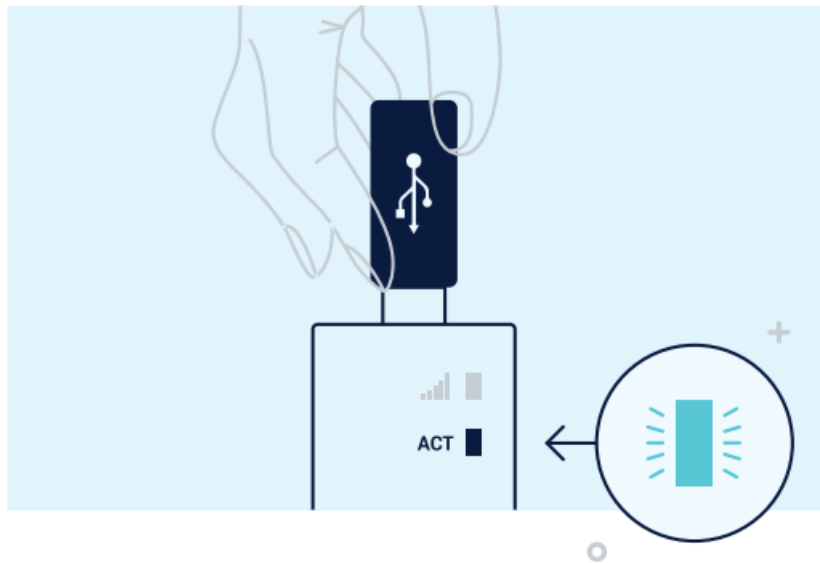
Connect
No matter your situation, you can always connect your machine to the cloud. The CloudVPN Gateway provides wired (Ethernet), 4G or Wi-Fi connectivity options. Registration starts immediately upon inserting the USB flash drive. Once the ACT led status is steady blue, the CloudVPN Gateway is connected to the CloudVPN service in acirro+ and will automatically show up in your company account.

Only insert the SIM card when the CloudVPN Gateway is turned off.
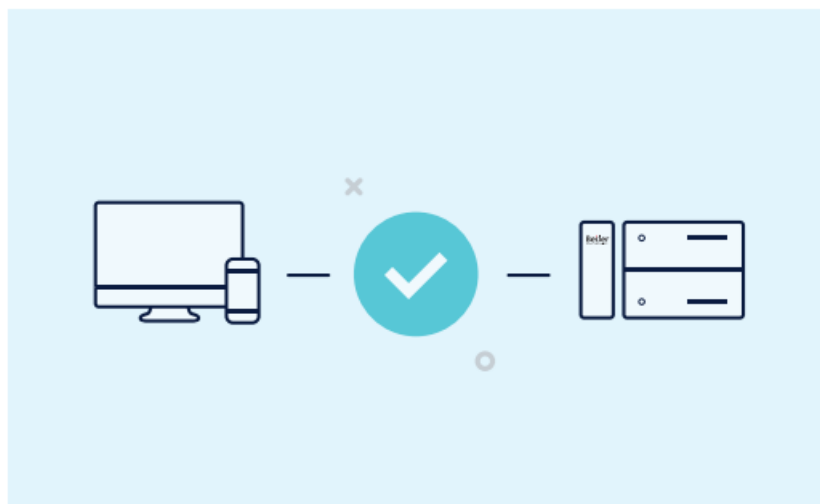
Ready. Set. Go!

You've now successfully installed your CloudVPN Gateway. The CloudVPN Gateway is designed for and seamlessly integrated with the CloudVPN service in acirro+. Any further configuration can be handled from your own IIoT account. The CloudVPN service in acirro+ offers a multitude of services. Deliver remote service, monitor your machine, set up alerts, and create high-end data reports. It's all at your fingertips in your own customer portal.

Find out more about Beijer Electronics' solution and its endless possibilities on: **www.beijerelectronics.com**

Troubleshooting front panel LEDs

LED	State	Description
📶	Constant Blue	Connected, good reception
	Constant Purple	Connected, medium reception
	Constant Red	Connected, poor reception
	Blinking Blue	Initializing cellular module
	Blinking Red 1 pulse	No reception or unable to connect to network (APN or SSID may be incorrect)
	Blinking Red 2 pulses	PIN invalid or PUK required
	Blinking Red 4 pulses	SIM card is invalid or missing
ACT	Constant Blue	Succesfully connected to the CloudVPN service in acirro+
	Blinking Blue 1 pulse	Connecting to the CloudVPN service in acirro+
	Blinking Blue 2 pulse	Initiating VPN connection
	Constant Red	Booting up (may take 1 min) or not yet registered
	Blinking Red 1 pulse	Waiting for internet access
	Blinking Red 3 pulses	LAN/WAN conflict (conflicting subnets)
	Blinking Red 4 pulses	Removed from the CloudVPN service in acirro+ (re-insert USB flash drive to register again)
	Blinking Red 5 pulses	Previously registered to the CloudVPN service in acirro+ (remove from the CloudVPN and register again)

Additional help and Support
For additional product support and specifications, please visit **cloudvpn.beijerelectronics.com** for further details.

Documents / Resources

	Beijer ELECTRONICS CloudVPN Gateway Ethernet [pdf] User Guide CloudVPN Gateway Ethernet, Gateway Ethernet, CloudVPN Ethernet, Ethernet, CloudVPN

References

- 🌐 **cloudvpn.acirroplus.com**