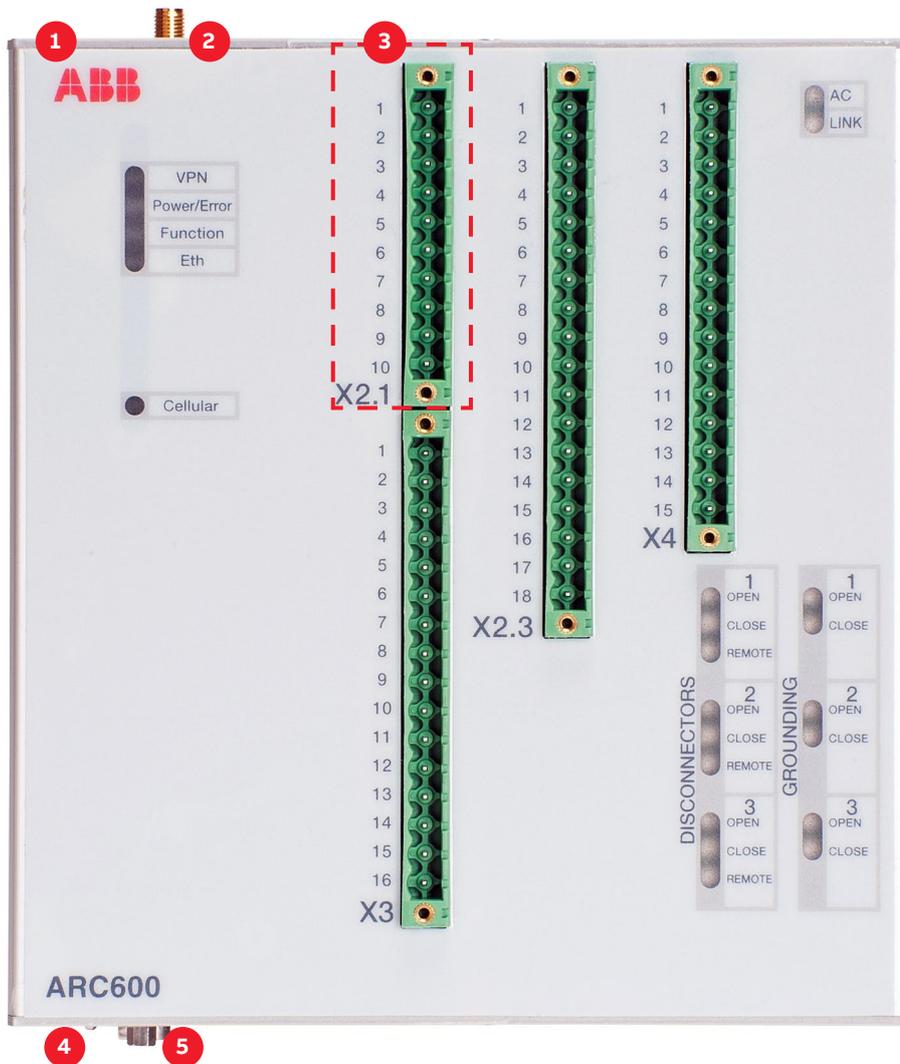


Quick Start Guide

ARC600 Wireless Controller



1	SIM card tray connector	
2	Antenna connector SMA (female)	
3	X2.1 connector for power supply	Pin 1 = L (Phase), 90...264 VAC Pin 2 = N (Neutral) Pin 4 = PE (Protective Earth) Pin 6 = DC voltage in, 20...30 VDC Pin 7 = GND
4	Power switch (bottom)	
5	Ethernet connector and serial ports (bottom)	

The device uses 230 V AC mains voltage. Carefully read through all the documentation of this product and follow the local safety regulations. The device must not be operated if any of the panels is removed. Voltage inside the device is extremely dangerous and may cause death or severe injury.

Getting started

Power supply

Operating power for ARC600 is supplied through the connector X2.1. ARC600 can use either AC line input (pins 1 and 2) or DC input (pins 6 and 7).

i In some situations, the device does not boot directly from a DC voltage. In this case, you should apply the AC voltage for a moment (devices' deep discharge protection reset) after which you can connect the DC supply voltage as usual.

Power-up and SIM card installation

Insert the SIM card. Push the yellow button in the SIM card slot to eject the SIM card tray. Insert the SIM card to the tray (contacts facing up) and push it firmly and carefully back to its holder. Attach the power supply and switch the device on. Under normal circumstances, the device is able to automatically connect to the operator's cellular network. In problem situations you can log in to the Arctic Web user interface by using a Web browser and navigating to **Network** → **Mobile WAN**.

i If your SIM card requires a PIN code, do not install it before you have configured the Arctic device PIN code settings.

Login to the Arctic Web user interface

Connect the Ethernet cable between the Arctic device LAN port and your computer.

Configure your computer to use the same IP address space as the Arctic device. For example, your computer IP could be 10.10.10.11 with netmask 255.255.255.0. Check the connection with the ping command.

Connect to the Arctic device using the web browser. The default address of the Arctic device is <https://10.10.10.10/>. Remember to use **https** and not **http**.

Accept the self-signed certificate in the browser.

Log in to the device. The username is **arctic-adm** and the default password is **arcticm2m**.

i It is highly recommended that the default **password is changed** before the product is connected to a public cellular network.

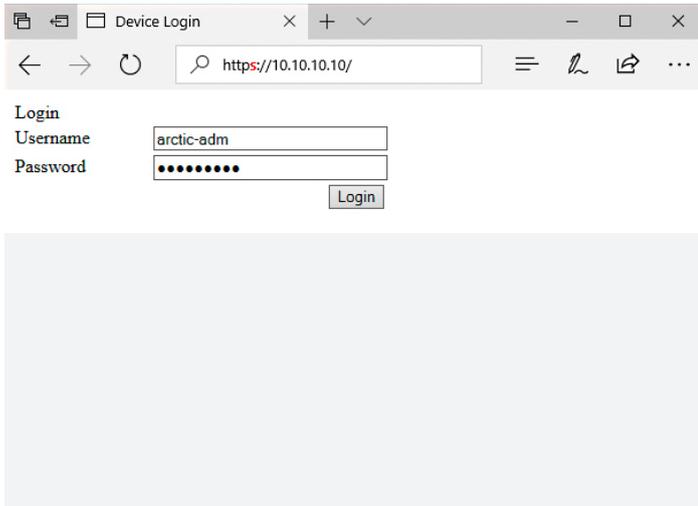


Figure 1. Browser https example

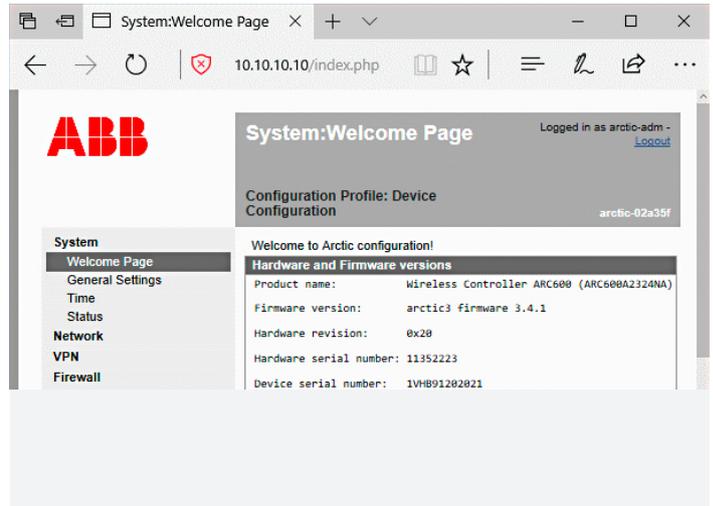


Figure 2. Welcome page in the ARC600 Web user interface

Wireless network settings

Log in to the Arctic Web user interface using your Web browser.

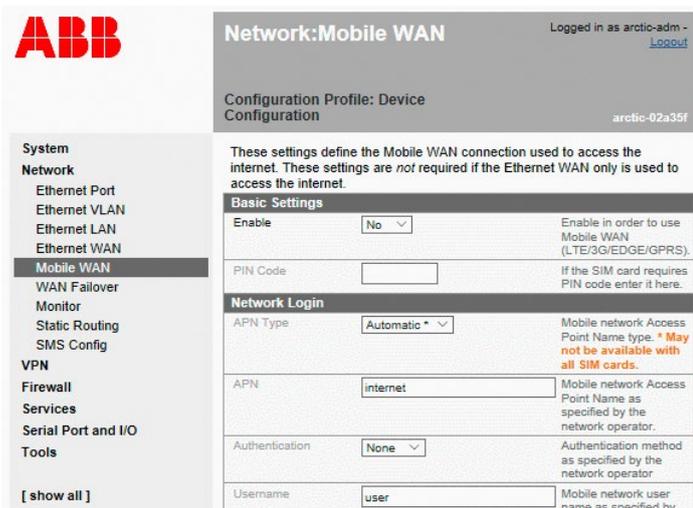
Navigate to **Network** → **Mobile WAN**.

Change the APN type from "Automatic" to "Manual".

Set the Access Point Name (APN) appropriately (usually INTERNET or operatorname.com). As this setting depends on your mobile operator, ensure the APN settings directly from the operator.

Set the other settings such as the PIN code, authentication, username and password if required by the operator's subscription.

Reboot the Arctic device and check the settings and the cellular network connection status from **System** → **Status**.



Complete customer documentation is available in the product pages that can be accessed through abb.com/mediumvoltage

Figure 3. Mobile WAN settings

For more information, please contact

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