Wi-Fi

- Wireless Network

Wireless Network

In addition to the EDUROAM network, ISR has other wireless networks of its own, within the ISR's IT infrastructure, which cover most laboratories, providing addressing and local resources.
For this purpose, there are 5 Access Points installed at strategic points in the building.

ISR

The ISR network provides addressing and local resources, in the 10.231.0.0 / 16 range.
Regarding technical configurations, the settings to be used for network access are as follows:

Definition	Description	Value to be configured
Wireless Type	Types of wireless networking technology that supports wireless networking	802.11 a/b/g/n Bandwidth up to 450Mbps per space Support for 2.4GHz and 5GHz frequencies
SSID	Wireless Network Name	ISR-Coimbra
Wireless Protection	Wireless Encryption System Type	WPA 2 (AES/CCMP, Dynamic)
Authentication (802.1X)	Method of authenticating a device / user to a protected network	EAP-PEAP + MSCHAPv2
Certificate Validation	Digital Certificate Verification and Validation System	Do not check / disable
Login	Login of the user who wants to connect to the network	ISR.UC.PT domain email address (e.g., user@isr.uc.pt)
Password	Password of the user who wants to connect to the network	Password of the respective account
Anonymous Identity	Anonymous user login, for the first encryption layer	anonymous@isr.uc.pt

In case of difficulty, you can contact the Helpdesk service, through the usual channels.

ISR-Robots

The ISR-Robots network provides addressing and local resources, in the 10.234.0.0 / 16 range. This network should be used in situations where it is intended to test with devices without 802.1X support, such as robots, appliances, etc.
Regarding technical configurations, the settings to be used for network access are as follows:

Definition	Description	Value to be configured
Wireless Type	Types of wireless networking technology that supports wireless networking	802.11 a/b/g e 802.11 a/b/g/n/ac Bandwidth up to 450Mbps per space Support for 2.4GHz and 5GHz frequencies
SSID	Wireless Network Name	isr-robots
Wireless Protection	Wireless Encryption System Type	WPA 2 com validação de MAC Address
Authenticatio n	Method of authenticating a device / user to a protected network	To access this network, you must request it through this helpdesk@isr.uc.pt

In case of difficulty, they can contact the Helpdesk service, through the usual channels(helpdesk@isr.uc.pt).

EDUROAM

The UC wireless network is part of the Eduroam network and can be used by all teachers, students and employees who have an email account at a UC organization or any other institution that has joined the Eduroam network. Likewise, UC users, when visiting Eduroam institutions, in Portugal or abroad, will be able to access their wireless networks without any change in the configuration of their equipment.
The EDUROAM network is available in the main public areas of DEEC.
The use of the UC wireless network is regulated by the UC network, RCTS network usage rules and applicable law.

More information:

Eduroam wireless network at UC

IMPORTANT TECHNICAL NOTE: If you use an authentication account for the @ isr.uc.pt domains, you must disable the option to check encryption certificates.

Configuration support files for Mac OS X and iOS devices

Wireless ISR network with account @ isr.uc.pt

EDUROAM Wireless Network with account @ isr.uc.pt