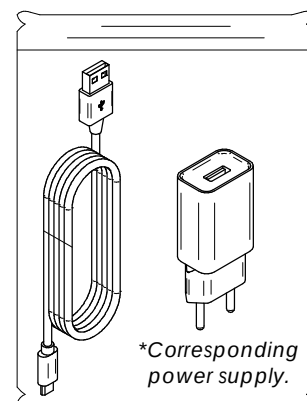
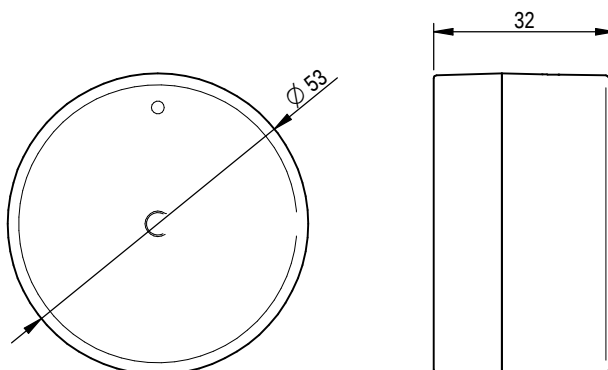


- Eng **Installation guide**
E *Guía de instalación*
F *Guide d'installation*

IQ3Mxx.. series



The IQ3 Mini is a Gateway device that ensures the communication between Nebula and the SALTO BLUEnet devices providing the SVN (SALTO Virtual Network) features. It is equipped with a WIFI and Bluetooth interface.



Eng Installation

E

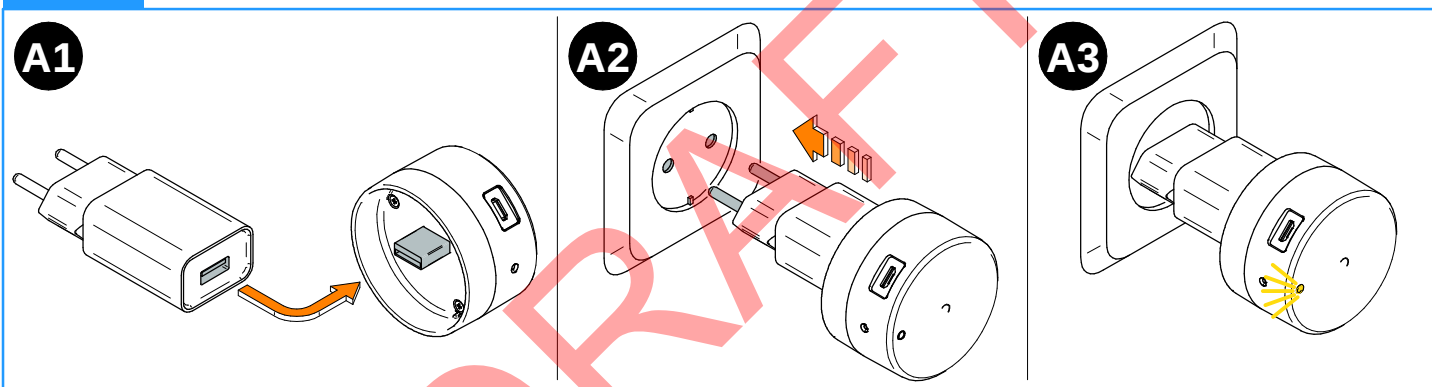
F



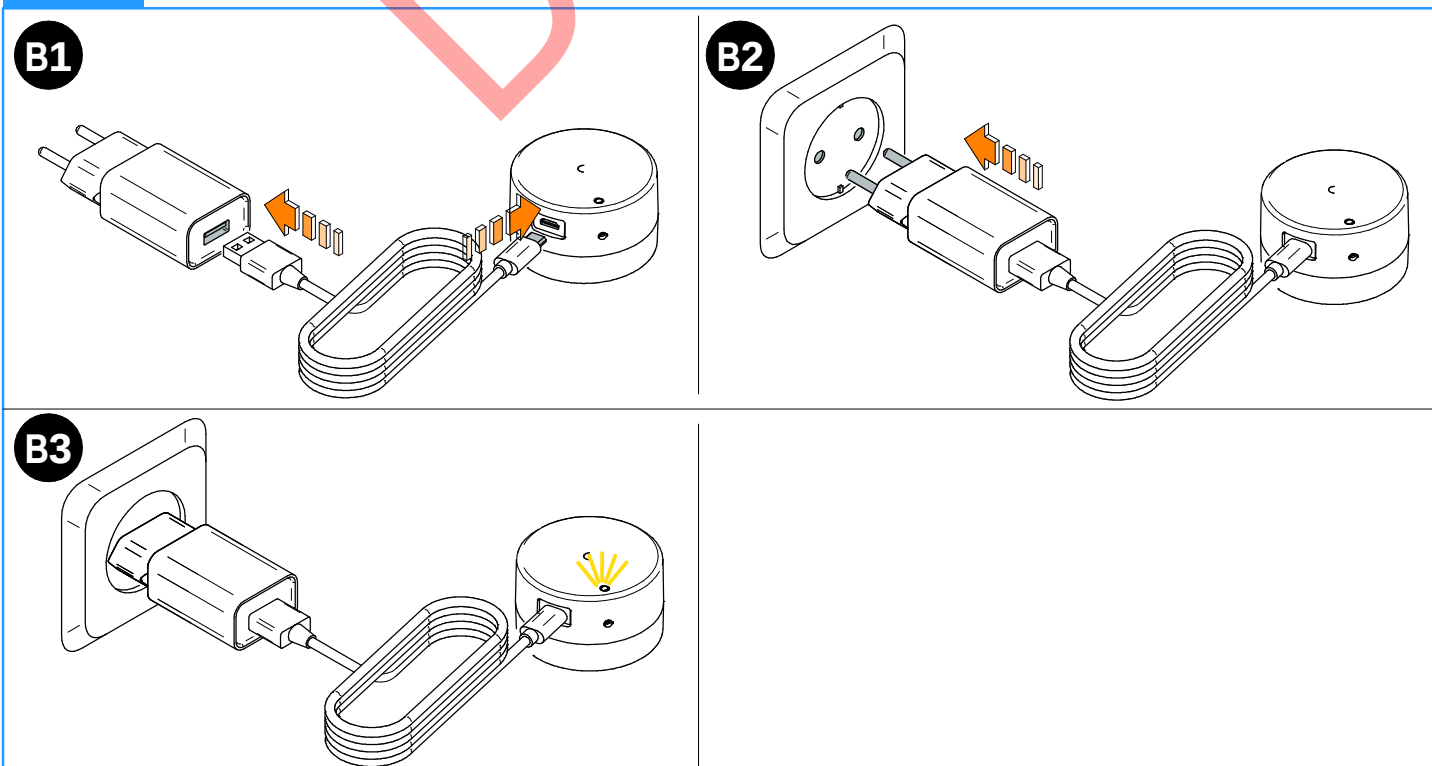
Use provided power supply and USB wire!
¡Utilizar fuente de alimentación y cable USB suministrados!



A



B



Eng Electrical Features

EXTERNAL POWER SUPPLY CHARACTERISTICS			
	Min	Max	Typ
Input Voltage	4V4	5V5	5V
Wall adapter power	5w		
Current Consumption		300mA	60mA

OPERATING CONDITIONS		
	Min	Max
Temperature	0°C	60°C
Humidity	0	95% (Non condensing)

CABLE REQUIREMENTS	
	max. 1,5m

MAX. NUMBER OF DEVICES TO BE CONNECTED	
Access points	4

WIFI CHARACTERISTICS	
Frequency Range	2400 MHz to 2483.5 MHz
Standard	IEEE 802.11b/g/n compliant
TX power	18dBm
Range	25-30m *

* Depending upon installed environment. To ensure correct operation, do not install the device near a metallic surface.

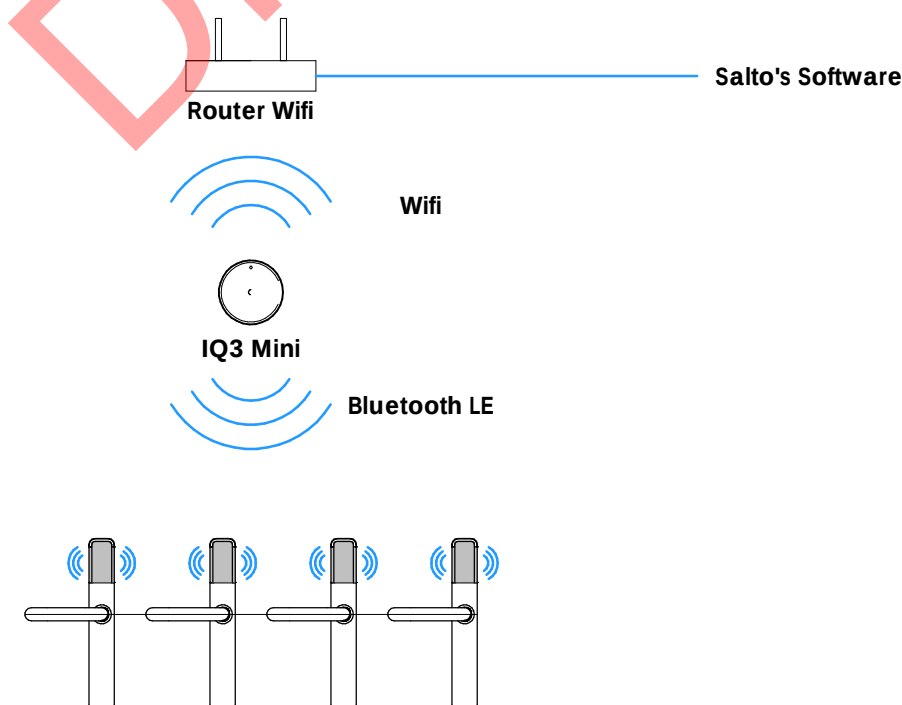
SALTO BLUEnet CHARACTERISTICS	
Frequency Range	2400 MHz to 2483.5 MHz
Standard	Bluetooth 4.2 Compliant
TX power	6dBm
Indoor Range	5-10m *

* Depending upon installed environment. To ensure correct operation, do not install the device near a metallic surface.

Eng Configuration

The device is configured using the Nebula App. The Nebula App is responsible for commissioning the device, providing the necessary data and keys to connect to the Wifi network of the installation.

Eng Installation Example



Eng Signalling

LED MODE MODO DE LED LED ANZEIGE MODE LED MODO DO LED	LED COLOUR COLOR DE LED FARBE COULEUR COR	STATUS INDICATION INDICACION DE ESTATUS STATUS ÉTAT ESTADO
Blink long RED <i>Parpadeo largo-ROJO</i> Blinken lange ROT <i>Clignotement long ROUGE</i> Piscar longo- VERMELHO		Device ex works. It will be doing advertising. <i>Dispositivo en fábrica. Estará haciendo advertising.</i> Gerät ab werk. Bereit zur Anmeldung. <i>Le dispositif ex fonctionne. Il fera de la publicité.</i> O dispositivo em ex-work. Irá iniciar o modo de publicidade.
Blink short RED (3 seconds) <i>Parpadeo corto-ROJO (3 segundos)</i> Blinken kurz ROT (3 seconds) <i>Clignotement court ROUGE (3 secondes)</i> Piscar curto- VERMELHO (3 segundos)		Identification signal when selected from a mobile phone. The signal lasts 3 second. <i>Señal de identificación al seleccionarlo desde un móvil. La señal dura 3 segundos.</i> Identifikationssignal bei Auswahl von einem Mobiltelefon. Das Signal dauert 3 Sekunden. <i>Signal d'identification lors de la sélection à partir d'un téléphone mobile. Le signal dure 3 secondes.</i> Sinal de identificação quando selecionado a partir de um telemóvel. O sinal tem a duração de 3 segundos.
Blink long BLUE <i>Parpadeo largo-AZUL</i> Blinken lange BLAU <i>Clignotement long BLEU</i> Piscar longo- AZUL		Device initialized with communication to the server. <i>Dispositivo inicializado con comunicación al servidor.</i> Gerät initialisiert und kommuniziert mit Server. <i>Dispositif initialisé avec la communication au serveur.</i> Dispositivo inicializado com comunicação para servidor.
Blink short YELLOW <i>Parpadeo corto-AMARILLO</i> Blinken kurz GELB <i>Clignotement court JAUNE</i> Piscar curto- AMARELO		Device not communicating with the server. <i>Dispositivo sin comunicación con el servidor.</i> Gerät kommuniziert nicht mit dem Server. <i>Le dispositif ne communique pas avec le serveur.</i> Dispositivo não está a comunicar com o servidor.
Blink long GREEN <i>Parpadeo largo-VERDE</i> Blinken lange GRÜN <i>Clignotement long VERT</i> Piscar longo- VERDE		Connection established to a mobile phone. <i>Conexión establecida a un móvil.</i> Verbindung zu Mobiltelefon hergestellt. <i>Connexion établie avec un téléphone portable.</i> Ligação estabelecida a um telemóvel.
Blink short GREEN <i>Parpadeo corto-VERDE</i> Blinken kurz GRÜN <i>Clignotement court VERT</i> Piscar curto- VERDE		Inialized and in prigraming mode. It is doing advertising while waiting for a mobile connection. <i>Inicializado y en modo programación. Está haciendo advertising a la espera de conexión de un móvil.</i> Initialisiert und im Programmiermodus. Bereit zur Anmeldung während auf eine Verbindung zum Mobiltelefon gewartet wird. <i>Initialisé et en mode de programmation. Il fait de la publicité tout en attendant une connexion mobile.</i> Inicializado e em modo de programação. Está em modo de publicidade enquanto aguarda por uma ligação móvel.

Eng Operational Test

Eng Wait for a long red blink.