



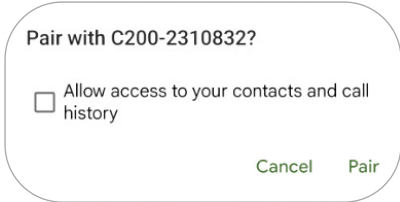
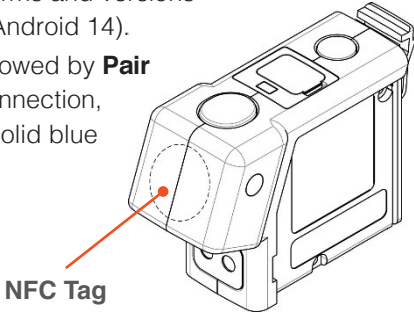
C200 Communications

Bluetooth Pairing Options



When using Bluetooth there are four methods of pairing a C200 with a host system:

- Manually using the **Pair New Device** dialogue on the host.
- Using a **3rd Party Utility** to scan a barcode containing the Bluetooth MAC address of the C200.
This requires a 3rd party utility along with a pairing label fixed to the C200.
- Scanning a C200 **Scan to Pair** QR code containing the MAC address of the host which initiates connection from the C200.
- Reading the C200 **NFC tag** with an integrated reader to initiate connection using NFC.

Host Utility and Label	Format and content of the label depends on the third party utility, but the MAC address of a given C200 can be output by scanning the About MAC Address QR code.	 About MAC Address
Scan to Pair QR Code	<p>The Scan to Pair QR code needs to contain the following data: ^%%##^CodeC0=MACADDRESS where MACADDRESS is the 12-digit mac address of the target host with all alpha characters capitalised. For example, a mobile device with BT MAC Address of b4:f1:dA:28:91:94 requires encoded data of: ^%%##^CodeC0=B4F1DA289194</p> <p>There is a QR code generator at the Cubetape website which will produce pairing barcodes in the correct format: https://cubetape.com/qr-network-access</p> <p>When C200 scans the Scan to Pair QR code a pairing request is received at the host which requires user acceptance before the connection is completed. (User dialogue may vary on different platforms and versions - example is from Android 14). Selecting Pair completes the connection, C200 LED goes solid blue and data can be transferred to the host.</p>	 S2P B4F1DA289194 
NFC Tag	<p>C200 contains a static NFC tag adjacent to the scan engine. When the tag is brought close to an NFC Reader, a connection sequence starts and completes after User acceptance. (User dialogue may vary on different platforms and versions - example is from Android 14). Selecting Yes followed by Pair completes the connection, C200 LED goes solid blue and data can be transferred to the host.</p>  NFC Tag	