

The diagram illustrates a multi-channel serial-to-wireless interface system. It is divided into two main sections: **DEVICE** (grey background) and **WIRELESS** (blue background). A central **MICROCONTROLLER** (black vertical bar) connects the two sections.

DEVICE Section:

- Contains four serial ports labeled **SER_0**, **SER_1**, **SER_2**, and **SER_3** in yellow boxes.
- SER_0** and **SER_1** are connected to a **USB** port, represented by a laptop icon.
- SER_2** and **SER_3** are connected to two green rectangular modules.

WIRELESS Section:

- Contains four serial ports labeled **SER_0**, **SER_1**, **SER_2**, and **SER_3** in yellow boxes, which are connected to the corresponding ports in the DEVICE section via the MICROCONTROLLER.
- SER_0** and **SER_1** are connected to two black rectangular modules via **RS-232** lines.
- Each black module has three white dots, indicating multiple channels or data lines.
- Each black module is connected to an antenna, represented by a vertical line with a semi-circle at the top and two curved lines on either side.

