



Application Note 2:

USB and Bluetooth Communication Protocol

Connection: VAT801 PROTOCOL D-CO2GD Series

USB connection

COM port: "Prolific USB-to-Serial Comm Port"

COM setting: 9600bps, 8bit data, 1bit stop, No parity.

ASCII code

Bluetooth connection

Connection code: 1234

Bluetooth SPP support.

COM setting: 9600bps, 8bit data, 1bit stop, No parity.

ASCII code

Command:

*ASCII character string;

*End with "Newline" and "Carriage return" ("CR" "LF")

Send: "*idn?"

Return: Device information. "Company, model, SN, version."



For example:

Send:*idn?↔

Return:V&A INSTRUMENT,VA810,12356789,0.1

Then return:

M "data" PPM CO2↔

S "data" CEL↔

T "data" %RH↔

For example:

M +2900 PPM CO2↔

S +22.4 CEL↔

T +59.5 %RH↔

Technical support:

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