

Manual – VIX-170 Display

Preliminary Document

1 – Configuration of the display

Upon powering on, the VIX-170 device undergoes an approximate 30-second initialization period. It offers dual connectivity options: Wi-Fi for overall device configuration and connectivity to the controller and CAN (Controller Area Network) specifically for communication with the controller. Initial configuration is exclusively performed via Wi-Fi.

To connect to the VIX-170, users must locate and join the Wi-Fi network with the SSID format "VIX170_serialnumber", where "serialnumber" corresponds to the specific serial number of the device. Typically, no password is required for access, but if prompted, the password is "946713222".

Once connected to the VIX-170 Wi-Fi network, users access the device's configuration interface by entering the IP address 192.168.167.1 into the address bar of a web browser.

This procedure enables users to establish connectivity and configure the VIX-170 device as necessary. (in your case you can keep the password field empty)

Pcb Name: VIX1706d
Firmware: V1.21.08P
Serial.N: 00000.001
Hard.Ref: 1600C400D80B

Network:	IC4C98548261
Password:	azerty123
UDP Port:	1667
Can Id:	11
Channel:	5
Bright:	50
Repeater:	0
N Limiters:	2
DecPoint:	0
Fraction:	1
Filter:	0

Network: i-C4C controller network to connect to
Password: Password of the i-C4C controller network
UDP Port: port for communication
CAN ID: CAN ID communication channel of the I-C4C
Channel: Position of analogue variable (e.g. AV5 -> 5)
Bright: Luminosity level from 0 to 100%

DecPoint: The placement of the decimal point

2 – Connections

If the display is connected to a i-C4C then it needs to be connected to a 250kb/s CAN BUS .

Power cable M12 – 3P :

- Black → Ground/Shield = PIN 4
- Brown → L1 (Line) = PIN 1
- Blue → N (neutral) = PIN 3

CAN cable M12 – 8P:

- White → CAN H = PIN 1
- Yellow → CAN L = PIN 4
- Pink → Ground/Shield = PIN 6

3 – Dimensions

DIMENSIONS

MOUNTING HANDLE

WEIGHT

HOUSING

PROTECTION

VIX-170 INDOOR

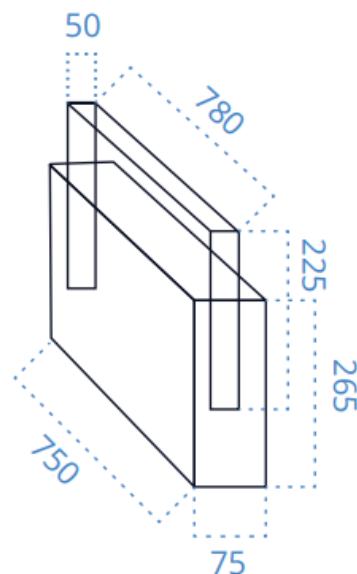
750 x 265 x 75 mm

780 x 225 x 50 mm

5,15 kg / 11,35 lbs

Lightweight aluminium

IP53



VIX-170 OUTDOOR

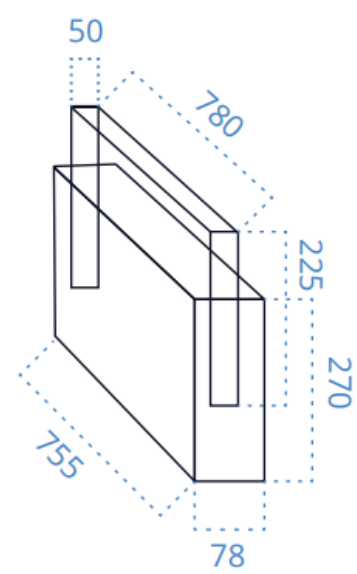
755 x 270 x 78 mm

780 x 225 x 50 mm

8,45 kg / 18,63 lbs

Stainless steel

IP67



DIGITS

POWER SUPPLY

6 digits comprised of red LEDs – 170 mm height
90-240VAC / 48VAC / 24VAC-VDC – DIFFERENT REFERENCES
MAXIMUM POWER CONSUMPTION IS 10W

WORKING TEMP.

STATUS INDICATOR

-30°C to 70°C / -22 °F to +158 °F

9 LEDs

(1 – TARA | 2 – WIFI | 3 – STABILITY | 4-6 – LIM | 9 – RUN)

COMMUNICATION

WiFi and CANBus