

**HMI-100 ECOAZUR® Touchscreen**



The HMI-100 is a capacitive touchscreen designed to interface with the ECOAZUR® V6 Demand Control Kitchen Ventilation (DCKV) system.

It communicates with the ECOAZUR® System Controller (SC) using the Modbus RTU protocol to provide real-time monitoring and control of system functions.

An integrated 4G cellular communication capability enables connection to the Intellinox Cloud platform (SIM card by others).

**Key Features.** 10.1" screen • 1280 x 800 resolution • Capacitive touch • Wall-mount carbon steel enclosure • 4G SIM modem • Language: EN, FR

<b>Power Supply</b>	24 VDC, 2.5A (18W static power)
<b>Terminals</b>	16-20 AWG (0.5-1.25 mm <sup>2</sup> ), 0.25Nm (2.2lb-in)
<b>Serial Comm.</b>	1 Modbus RTU communication channel (Master). Connects to ECOAZUR® System Controller Serial Port #1.
<b>Ethernet</b>	1 RJ45 Ethernet port. Connects to ECOAZUR® System Controller Ethernet Port (optional).
<b>Screen Parameters</b>	LCD size: 10.1" TFT LCD Resolution: 800 x 1280 (Aspect Ratio 16:10) Viewing angle: 85/85/85/85 (L/R/U/D) Brightness: 300 lx
<b>Touch Parameters</b>	Capacitive touch screen Transmittance ≥ 88% Hand or Capacitance pen
<b>SIM</b>	Standard SIM (25mm x 15mm)
<b>Enclosure</b>	Material: Carbon Steel, 1 mm thick (0.04"), black Mounting: wall-mount Protection: IP20 (wall-mount), IP65 panel mount (front panel only) Knockouts: (4) RMC 21mm, EMT 3/4"
<b>Dimensions</b>	Overall enclosure: 194mm (7.6") H x 294mm (11.6") W x 65mm (2.6") Size of opening (screen only): 176.5mm (6.95") H x 276.5 (10.89") W
<b>Weight</b>	2.7kg (6.0lb)
<b>Agency Listings</b>	FCC, CE, CCC, RoHS, WEEE
<b>Operating Conditions</b>	Temperature: -10 to 60°C (14 to 140°F) Humidity: 10 to 95%RH, non-condensing, indoor location

