

# LaserInspect™ CIMO4



NEO Monitors' LaserInspect™ CIMO4 gives the operator the opportunity to remotely operate up to 4 LaserGas™ analyzers from the same display\*. The operator have full status overview in an instance of all instruments and is able to perform maintenance tasks directly from the panel. This HMI is designed for the NEO Monitors LaserGas™ family and can easily be integrated into a cabinet.

## Features

- Sleek full-color touchscreen
- 15" with narrow tablet-style bezels

## Certification & Compliance

### RoHS Compliant

### ATEX Approved

II 3 G Ex ic nA IIC T4 Gc  
II 3 D Ex tc IIIC T135°C Dc  
DEMKO 14 ATEX 1387X  
EN 60079-0, -11, -15, -31

### IECEx Approved

Ex ic nA IIC T4 Gc  
Ex tc IIIC T135°C Dc  
IECEx UL 15.0035X  
IEC 60079-0, -11, -15, -31

### CE Approved

EN 61326-1 Immunity to industrial locations emission CISPR 11 Class A  
IEC/EN 61010-1

### UL Approved

cULus listed for ordinary location: File #E302106  
UL 61010-1, -2-201  
cULus listed for hazardous location: File #E317425

Class I, Division 2, Groups A, B, C and D  
Class II, Division 2, Groups F and G  
Class III, Division 2  
ANSI/ISA 12.12.01, C22.2 No. 213-M1987,  
157-92

Type 4X IP66 enclosure rating (face only)  
ABS type approval for shipboard  
applications

# Technical Data LaserInspect™ CIMO4

## POWER INPUT

Input voltage: 10 to 30 VDC  
Typical power HMI only: 18 W  
Maximum power HMI only: 24 W  
Maximum power HMI with modules: 58 W  
Must use a Class 2 circuit according to National Electrical Code (NEC), NFPA-70 or Canadian Electrical Code (CEC), Part I, C22.1 or a Limited Power Supply (LPS) according to IEC 60950-1 or Limited-energy circuit according to IEC 61010-1.  
Power connection via removable three position terminal block.

## POWER CONNECTION

High compression cage-clamp terminal block  
Wire Strip Length: 0.3" (7.5 mm)  
Wire Gauge Capacity: One 14 AWG (1.63 mm) solid, two 18 AWG (1.02 mm) or four 20 AWG (0.81 mm)

## NETWORK MEDIA

10BaseT: ≥ Cat3 cable  
100BaseTX: ≥ Cat5 cable

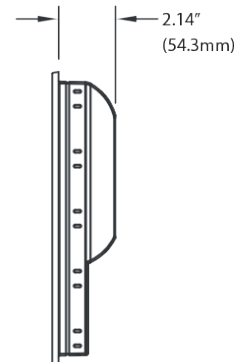
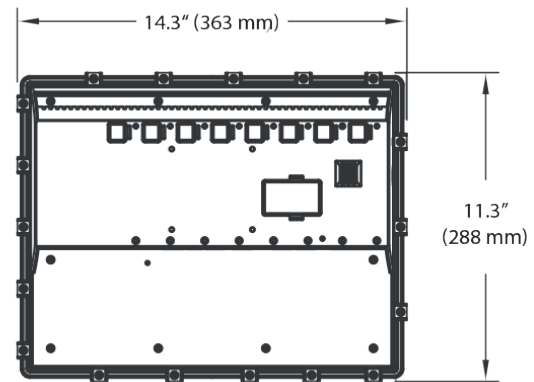
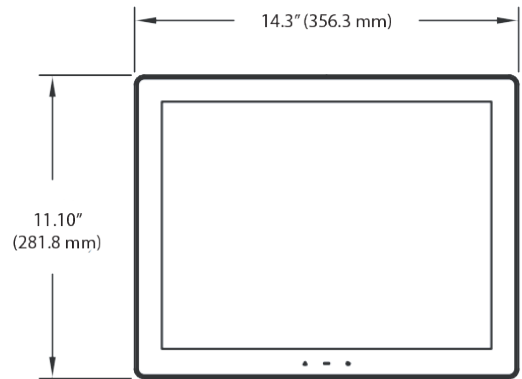
## ENVIRONMENTAL

Operating Temperature: -20°C to 60°C  
Storage Temperature: -20°C to 70°C  
Operating Humidity: 0 to 85% (non condensing)  
Operating Altitude: Up to 2000 meters  
Shock: 40 g per IEC 68-2-27  
Vibration: 4 g @ 5-500 Hz per IEC 68-2-6

## LCD DISPLAY

Touchscreen: Resistive analog  
Size 15"  
Pixels: 1024x768  
Brightness: 400 cd/m<sup>2</sup>  
Backlight 70,000 HR TYP

## Outlines and measurements



## ETA Process Instrumentation

[www.etapii.com](http://www.etapii.com)  
[sales@etapii.com](mailto:sales@etapii.com)  
tel 978.532.1330

*New England*

## Martech Controls

[www.martechcontrols.com](http://www.martechcontrols.com)  
[sales@martechcontrols.com](mailto:sales@martechcontrols.com)  
tel: 315.876.9120

*Upstate New York*



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