Description

The KMD–1151 NetSensor is a wall-mounted, temperature programmable, operator interface for use in a KMC direct digital controls system. The NetSensor includes nine buttons, seven of which are user programmable, in a simple and functional design. The NetSensor communicates directly with the associated digital controller over the KMC digital network via a local access port.

The simplicity of this design combined with its programmable functions allows for a wide variation of key assignments.

Features
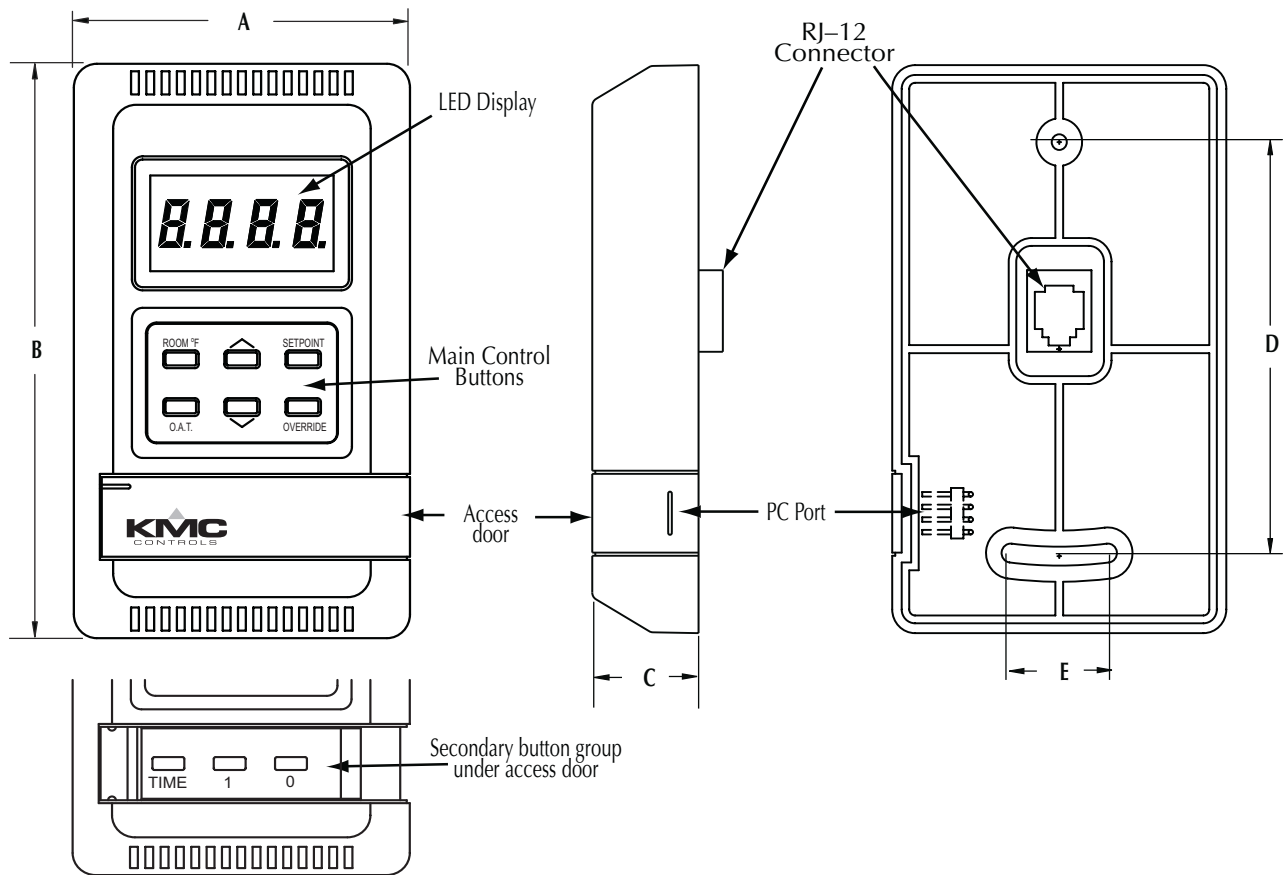
The KMD NetSensors provide the following user features:

◆ Bright, four-character display with programmable on/off times for easy viewing.

◆ Seven buttons may be programmed display the state of any point in the attached controller. These buttons are programmed with WinControl software.

◆ Auxiliary wire leads provide connection for an additional digital input.

◆ PC port provides simple connection to service tool or PC.

Specifications

Display	4-character, 7-segment, red LED, .375 inch high
Connections	6-wire modular RJ–12 to connect to controller
	Maximum cable length 75 feet
	Two 6-inch, 18 AWG wire leads for auxiliary input
Power	5 volts DC (supplied by connected controller)
Mounting	Surface mount or to 2 x 4 inch or 4 x 4 inch handy box. Handy box mounting requires universal backplate.

Weight	2.8 ounces (80 grams)
Material	Light Almond ABS, UL Flame Class 94HB

Temperature Sensor

Accuracy	±0.36° F (–0.2° C)
Resistance	10,000 Ω at 77° F (25° C)

Environmental limits

Operating Range	47 to 97° F (8.3 to 36.1° C)
Humidity	0–95% RH, non-condensing
Shipping	–40 to 140° F (–40 to 60° C)

Labels in diagram: A, B, C, D, E, LED Display, RJ–12 Connector, Main Control Buttons, Access door, PC Port, Secondary button group under access door, ROOM °F, SETPOINT, O.A.T., OVERRIDE, TIME, 1, 0, KMC CONTROLS

A	B	C	D	E
2.75 in.	4.5 in.	0.87 in.	3.25 in.	0.80 in.
70 mm	114 mm	22 mm	82 mm	20 mm

Accessories

The following accessories and spares are available:

HMO–5040	Replacement mounting base
HMO–5030	Universal 2 x 4 inch backplate
HMO–5042	Universal 4 x 4 inch backplate
HPO–0044	Replacement Allen screws
HPO–0064	Replacement access door
KMD–5624	PC cable
KMD–5690	25-foot plenum cable with RJ-12
KMD–5691	50-foot plenum cable with RJ-12
KMD–5692	75-foot plenum cable with RJ-12

Applications

The KMD–1151 NetSensor is designed to be used with KMD–5800 series and KMD–7000 series controllers for room temperature monitoring and control.