



# CLEAN ROOM SCANNER

WITH TOUCH SCREEN



AI-CRS3-TFT

The Touch Screen Clean Room Scanner Model AI-CRMS3-TFT is a full color screen TFT touch panel with 3 Analog Inputs programmable between 0-10 VDC & 4-20mA with a high resolution screen , easy to readout 3 Line Display with Engineering unit display for each input.

The Clean Room Scanner is available for 3 Analog Inputs , standard configuration for Temperature, Humidity & Differential Pressure in a single instrument. Also, available with Real Time Clock with Synchronization to GPS or Server Time options.

The Clean Room Scanner has an integrated buzzer alarm for process limit violation alert for all the 3 parameters of Temperature, Humidity & Differential Pressure. It has an acknowledgment key flushed to front plate for acknowledging the buzzer alarm .

## Specifications

<b>Model</b>	AI-CRS3-TFT
<b>Inputs</b>	3 Analog Input Channels field programmable between 4-20mA or 0-10 VDC for each channel Range is programmable for each of the 3 Channels as per below.
<b>Measuring Range</b>	<b>Temperature</b> : Programmable from any range between -999 to +999 with selectable decimal point <b>Humidity</b> : Programmable for all ranges from 0.0 to 100.0% R.H. <b>Differential Pressure</b> : Programmable from any range between -999 to +999 with selectable decimal point
<b>Display</b>	Multi row 3.5" Touch TFT with Individual Parameter Engineering Unit Display
<b>Accuracy</b>	+/- 0.1 % F.S. +/-1 count for Each Analog Channel
<b>Audio Alarm</b>	In built buzzer for alarm alert for each channel , high & low limit violation with Acknowledgement Key
<b>Output (Optional)</b>	4-20mA Analog Retransmission Output for each of the 3 channels
<b>Power Supply</b>	24 V.D.C. , 500mA
<b>Enclosure</b>	Modular Wall/Brick Wall Mountable M.S. Back Box with Stainless Steel Front Flush Plate
<b>Communication</b>	RS 485 Modbus RTU protocol
<b>Dimension</b>	M.S. Back Box :110(W)x 150(H) x 30(D)mm. Stainless Steel Front Plate : 180(W) x 200 (H)

**ACE INSTRUMENTS**

(An ISO 9001-2008 Certified Company)

Plot No.77, Shaktipuram, Industrial Estate Kukatpally, Prashantinagar

Hyderabad – 500072, INDIA. Phones: +91-40-23078848, 23078849

Email: sales@alwaysace.com | Website: www.alwaysace.com

