

# Delta Field Hardware

## Technical Summary

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# Field Hardware

## Technical Summary

	BACstat II (LINKnet Sensor)	BACstat II (BACnet Sensor)	BACstat II (Binary Outputs)	BACstat II (Analog Outputs)	Field Module (2 Inputs)	Field Module (2 Inputs, 2 BOs)	Field Module (2 Inputs, 2 AOs)	Field Module (4 Inputs)	Field Module (4 Inputs, 4 BOs)	Field Module (4 Inputs, 4 AOs)	Field Module (4 Pulse Inputs)	Access 2-Door Module
<b>Product Number(s)</b>	DNS-24L DNS-H24L	DNS-24 DNS-H24	DNT-T103 DNT-H103	DNT-T221 DNT-H121	DFM-200	DFM-202	DFM-220	DFM-400	DFM-404	DFM-440	DFM-400P	ADM-2W704
<b>BACnet Capabilities</b>												
Device Profile	N/A	B-ASC	B-ASC	B-ASC	B-ASC	N/A	N/A	B-ASC	N/A	N/A	B-ASC	N/A
BACnet Objects	Fixed - DEV, AI, AV	Fixed - DEV, AI, AV	Fixed - DEV, AI, AV	Fixed - DEV, AI, AV	Fixed - DEV, AI, AV	N/A	N/A	Fixed - DEV, AI, AV	N/A	N/A	Fixed - DEV, AI, AV	N/A
<b>Technology</b>												
CPU Chip	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit	8 bit
Addressing	DIP	Keypad or Software	Keypad or Software	Keypad or Software	DIP or Software	DIP	DIP	DIP or Software	DIP	DIP	DIP or Software	DIP
DNA Setting	NA	Keypad	Keypad	Keypad	Jumper	N/A	N/A	Jumper	N/A	N/A	Jumper	N/A
Device Type Setting	Keypad (LINKnet)	Keypad (LINKnet or Subnet)	Keypad (LINKnet or Subnet)	Keypad (LINKnet or Subnet)	LINKnet or Subnet	LINKnet	LINKnet	LINKnet or Subnet	LINKnet	LINKnet	Subnet	LINKnet
<b>Networks &amp; Ports</b>												
RS-485 Net (76.8 Kbps)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RJ-11 Service Port	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
<b>Inputs &amp; Outputs</b>												
Input A/D Resolution	10 bit	10 bit	10 bit	10 bit	10 bit	10 bit	10 bit	10 bit	10 bit	10 bit	10 bit	10 bit
Thermistor Input (Internal)	1	1	1	1	-	-	-	-	-	-	-	-
Humidity Input (Internal)	1 (Optional)	1 (Optional)	1 (Optional)	1 (Optional)	-	-	-	-	-	-	-	-
Additional Inputs	-	-	1	2 (DNT-T221) 1 (DNT-H121)	2	2	2	4	4	4	4	9
Input Type	0-5v 0-10v 10kΩ / Dry Contact	0-5v 0-10v 10kΩ / Dry Contact	0-5v 0-10v 10kΩ / Dry Contact	0-5v 0-10v 10kΩ / Dry Contact	0-5v 0-10v 4-20mA 10kΩ / Dry Contact	0-5v 0-10v 4-20mA 10kΩ / Dry Contact	0-5v 0-10v 4-20mA 10kΩ / Dry Contact	0-5v 0-10v 4-20mA 10kΩ / Dry Contact	0-5v 0-10v 4-20mA 10kΩ / Dry Contact	0-5v 0-10v 4-20mA 10kΩ / Dry Contact	0-5v 0-10v 4-20mA 10kΩ / Dry Contact	2 Wiegand 2-Door Contacts 2 Request to Exit 2 Auxiliary (10kΩ) 1 Tamper Switch
Binary Outputs (Triac)	-	-	3	1	-	2	-	-	4	-	-	-
Analog Outputs (0-10V)	-	-	-	2	-	-	2	-	-	4	-	-
Other Outputs	-	-	-	-	-	-	-	-	-	-	-	2 Door Locks 2 Auxiliary Relays 4 Display LED's
<b>General</b>												
Wiring	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Power	24 VAC @ 5VA (max)	24 VAC @ 5VA (max)	24 VAC @ 41VA (max)	24 VAC @ 17VA (max)	24 VAC @ 4VA (max)	24 VAC @ 28VA (max)	24 VAC @ 4VA (max)	24 VAC @ 4VA (max)	24 VAC @ 52VA (max)	24 VAC @ 6VA (max)	24 VAC @ 4VA (max)	24 VAC @ 75VA (max) 12v Battery backup
Operating Conditions	0-55°C or 32°F-131°F 10-90% RH	0-55°C or 32°F-131°F 10-90% RH	0-55°C or 32°F-131°F 10-90% RH	0-55°C or 32°F-131°F 10-90% RH	-40-60°C or -40-140°F (with Housing)** 10-90% RH	-40-60°C or -40-140°F (with Housing)** 10-90% RH	-40-60°C or -40-140°F (with Housing)** 10-90% RH	-40-60°C or -40-140°F (with Housing)** 10-90% RH	-40-60°C or -40-140°F (with Housing)** 10-90% RH	-40-60°C or -40-140°F (with Housing)** 10-90% RH	0-55°C or 32°F-131°F 10-90% RH	0-55°C or 32°F-131°F 10-90% RH
Board Size (L x W x H)	3 ¼ x 5 x 1 in.	3 ¼ x 5 x 1 in.	3 ¼ x 5 x 1 in.	3 ¼ x 5 x 1 in.	4 ¼ x 4 x 1 ¾ in.	4 ¼ x 4 x 1 ¾ in.	4 ¼ x 4 x 1 ¾ in.	5 ½ x 4 x 1 ¾ in.	5 ½ x 4 x 1 ¾ in.	5 ½ x 4 x 1 ¾ in.	6 ½ x 4 x 1 ¾ in.	11 ½ x 4 x 1 ¾ in.
LCD	3 Lines + Icons	3 Lines + Icons	3 Lines + Icons	3 Lines + Icons	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Buttons	4	4	4	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Housing Included (Plastic)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Other Options	Backlighting	Backlighting	Backlighting	Backlighting								
Control Algorithms			VAV VVT HPU FCU Unit Heater Radiation	VAV VVT HPU FCU Unit Heater Radiation								

\*\* Rating for product with housing included. Remove housing for -40-80°C operation.

### Contact Information

For additional information on any of our products or services, please contact us at 604.574.9444 or visit our website [www.deltacontrols.com](http://www.deltacontrols.com)