



Velocity Tool

DETECTION OVER TIME

Software Manual

Version 1



Velocity Tool User's Manual

Contents

1.0	General Information	3
1.1	Installation of VelocityTool	3
1.2	Supported Model	3
1.3	Tool required	3
1.4	Wiring Connection	3
1.5	Version of the Tool	3
2.0	VelocityTool Menu	4
3.0	General Steps of Operation	5
4.0	Menu "Login"	5
5.0	Menu "Communication"	5
6.0	Menu "Status"	6
6.1	Real Time Status	7
6.1.1	Real Time Analogue Value	7
6.1.2	Filter Status	7
6.2	Control Function	7
6.3	Trend Chart (View / Record)	7
6.4	Active Event	7
7.0	Menu "Smoke"	8
7.1	Alarm Level	8
7.2	Alarm Delay	8
7.3	SSL Setting	9
7.4	Smoke Log Mode	9
8.0	Menu "Flow"	9
8.1	Pipe Flow	10

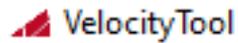
8.2 Normalize Flow	10
8.3 Flow Log Mode	10
9.0 Menu "Filter"	11
10.0 Menu "System"	11
11.0 Menu "Advanced"	13
12.0 Menu "Zone Relay"	13
13.0 Menu "History"	14
13.1 Chart	14
13.2 Smoke Log	15
13.3 Event Log	15
13.4 Flow Log	16
14.0 Menu "Device Time"	16
15.0 Menu "Diagnostic"	17
15.1 Device Relay	17
15.2 Zone Relay	17

1.0 General Information

VelocityTool is the configuration tool that use to connect to VELOCITY Aspirating Smoke Detector.

1.1 Installation of VelocityTool

- Install the setup file VelocityTool-4.1.25-win64.
- Program folder by default in this path “c:\Velocity Tool\VelocityTool will be automatically created
- As shortcut to the VelocityTool will be created.
- To Start the program, double click the VelocityTool to run.



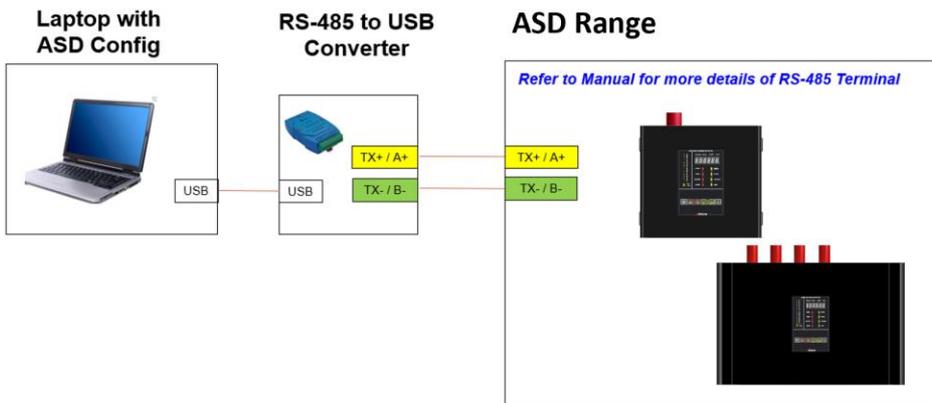
1.2 Supported Model

- VDOT-ASD-100
- VDOT-ASD-400

1.3 Tool required

- RS-485 to USB Converter

1.4 Wiring Connection



1.5 Version of the Tool

Move the cursor to the Logo and you can know the version of the VelocityTool.



2.0 VelocityTool Menu

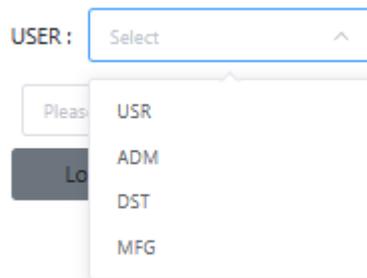
No	Menu Name	Function / Parameter	Notes
1	Login	Login to use VelocityTool	Select user with different authority
2	Communication	Port, Address, Baud rate, Timeout, Model	
3	Status	<ul style="list-style-type: none"> ▪ Status of ASD ▪ Filter status ▪ Command Function ▪ Manual Logging of "Smoke", "Air Flow", "Air Flow Raw" 	
4	Smoke	<ul style="list-style-type: none"> ▪ Alarm Level ▪ Alarm Delay ▪ SSL setting ▪ Smoke Log Mode 	
5	Flow	<ul style="list-style-type: none"> ▪ Sampling pipe usage ▪ Flow monitoring ▪ Fan Speed ▪ Flow monitoring sensitivity ▪ Flow normalization ▪ Flow Log Mode 	
6	Filter	Set filter usage	
7	System	<ul style="list-style-type: none"> ▪ Buzzer mode setting ▪ Front Display Control button setting ▪ Fault Delay setting ▪ Relay Function setting ▪ General Purpose Input setting 	
8	Advanced	Password protected	<i>* For specified usage</i>
9	Zone Relay	Configure Zone Relay	
10	Expansion Module	Configure Expansion Relay when this is connected	
11	History	Upload event log and analogue history value (Smoke, Air Flow) from ASD	
12	Device Time	Set device time	
13	Diagnostic	Perform Relay and zone relay functionality test	

3.0 General Steps of Operation

1. Plug in the RS-485 to USB Converter.
2. Run the program name "VelocityTool".
3. Key in the password for the user account.
4. "VelocityTool" will automatically search for the COM-PORT (RS-485), provided the RS485 converter plug in and is in working condition.
5. Select the VELOCITY ASD that you wish to connect to.
6. Press Enter.
7. Navigate to the function menu that you wish apply.

4.0 Menu "Login"

When you login with different level, it will have different function. Details refer to the below table.



5.0 Menu "Communication"

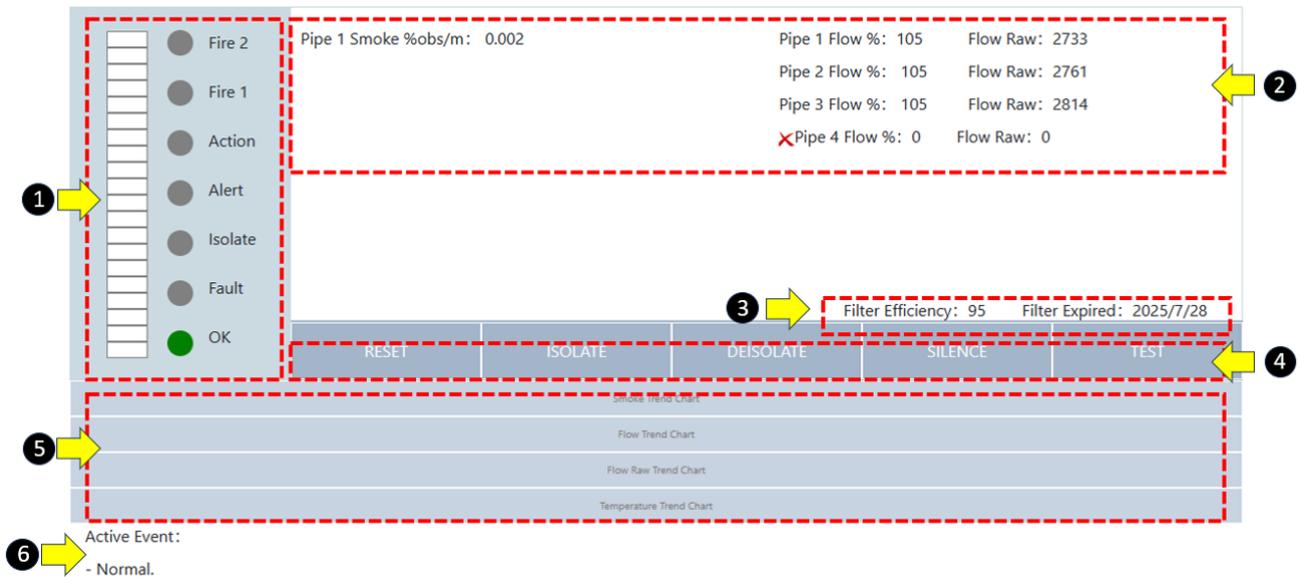
To configure the ASD parameter on communication port.

Port	COM4
Address	2
Baudrate	19200
Timeout	1
Model	VDOT-ASD-100

Parameter	Description	Notes
Port	RS-485 Converter COM Port	The COM Port Number after appear when RS-485 Converter plug into USB Port. Otherwise, it will show "Not Detected"
Address	ASD Hardware Address	This must match back with ASD Address * Default is 250
Baud Rate	ASD Baud Rate	This must match back with ASD Baud Rate.
Timeout	Communication timeout between configuration tool with ASD	This is the setting of error when there is no communication between VelocityTool with ASD.
Model	ASD Model	Select the correct model to communicate

6.0 Menu “Status”

Status menu provide an overview condition of the ASD connected. This view provides Real time information of the connected ASD.



1 Real Time Status

2 Real Time Analogue Value

3 Filter Status

4 Control Function

5 Trend Chart (View / Record)

6 Active Event

6.1 Real Time Status

6.1.1 Real Time Analogue Value

- **Smoke %obs/m:** Display current ASD Smoke value.
- **Flow %:** Display current ASD Air Flow value. When more than 1 pipe, it will display the value for each pipe.
- **Flow Raw:** Display current ASD Air Flow Raw value. When more than 1 pipe, it will display the value for each pipe.

6.1.2 Filter Status

- **Filter Efficiency:** It will display current the current filter value. Default value is 100, when it drops below 70, ASD will signal a "Filter Fault".
- **Filter Expired:** It will display the date when filter need to change. The Due date is 2 years from the filter is "ENABLE".

6.2 Control Function

- **Reset:** To Reset ASD Alarm or Fault Signal.
- **Isolate:** To Isolate ASD.
- **De Isolate:** To De-Isolate ASD after it had been isolated.
- **Silence:** To silence the buzzer of ASD.
- **Test:** To perform test on front display numerical display and LED.

6.3 Trend Chart (View / Record)

- **Smoke Trend Chart:** To View or Record the Current Smoke value of connected ASD.
- **Flow Trend Chart:** To View or Record the Current Air Flow vale of connected ASD.
- **Flow Raw Trend Chart:** To View or Record the Current Air Flow RAW vale of connected ASD.

6.4 Active Event

It will show what are the current active event this ASD having.

Active Event:

- FIRE 2.
- FIRE 1.
- ACTION.
- ALERT.
- Pipe 2 Flow Low Fault.
- Pipe 3 Flow High Fault.

7.0 Menu “Smoke”

Zone Used On Off

Full Scale Sensitivity (%obs/m)

Alert Bargraph Level

Action Bargraph Level

Fire 1 Bargraph Level

Fire 2 Level (%obm/m)

Alert Delay (sec)

Action Delay (sec)

Fire 1 Delay (sec)

Fire 2 Delay (sec)

More parameter

SSL Mean Period (min)

Sensitivity Mode 1

Sensitivity Mode 2

Smoke Log Enable On Off

Smoke Log Mode Rate Change

Smoke Log Change (%)/Rate (sec)

7.1 Alarm Level

To configure the ASD parameter related to sensitivity that report Alert, Action, Fire 1, Fire 2.

Parameter	Display Code	Configure Range	Description
Full Scale Sensitivity	AF.	0.01 – 20% /m	The detector smoke level in %/m for the bargraph reaching its full scale (20 bars). The smaller the value, the higher the sensitivity is or vice versa.
Alert Bargraph Level	A1.	2 to 20 Level	The Alert “bargraph” level. When the alert bargraph level has been reached and the appropriate time delays have expired. The detector will generate Alert Alarm. The Alert Smoke Level (%/m) = Full Scale Level/20 x Alert Bargraph Level. For examples, by the default settings, the alert level is 0.2/20x10=0.1%/m.
Action Bargraph Level	A2.	3 to 20 Level	The Action “bargraph” level. When the action bargraph level has been reached and the appropriate time delays have expired. The detector will generate Action Alarm. The Action Smoke Level (%/m) = Full Scale Level/20 x Action Bargraph Level. For examples, by the default settings, the action level is 0.2/20x15=0.15%/m.
Fire 1 Bargraph Level	A3.	20	The Fire 1 “bargraph” level. When the fire 1 bargraph level has been reached and the appropriate time delays have expired. The detector will generate Fire 1 Alarm. This setting is fixed to 20 and cannot be modified.
Fire 2 Level	A4.	0.10 to 20% m	The Fire 2 “smoke” level in %/m. When the smoke level has been reached and the appropriate time delays have expired. The detector will generate Fire 2 Alarm.

7.2 Alarm Delay

To configure the ASD parameter related to Alarm delay time.

Parameter	Display Code	Configure Range	Description
Alert Delay	t1.	0 – 60 seconds	The alarm delay is the number of seconds that an alarm level has to be continuously sensed before the alarm is initiated. Each alarm level has a programmable delay of between 0 and 60 seconds.
Action Delay	t2.	0 – 60 seconds	
Fire 1 Delay	t3.	0 – 60 seconds	
Fire 2 Delay	t4.	0 – 60 seconds	

7.3 SSL Setting

To configure the ASD parameter related to sensitivity adjustment.

Parameter	Display Code	Configure Range	Description
SSL Mean Period	rt.	15 / 60 / 120 / 240 / 480 min	This value is the period used to calculate the mean of smoke background level in this period
Sensitivity Mode 1	S1.	0.1 to 10	Setting this function to increase or decrease the smoke detection sensitivity by multiple this value to the original smoke alarm thresholds when relevant GPI is activated. This setting must work with the GPI which is set to Sensitivity Mode 1 or 2. If this function value is set to be greater than 1.0, the smoke detection becomes more sensitive. If this function value is set to be less than 1.0, smoke detection becomes less sensitive.
Sensitivity Mode 2	SS	0.1 to 10	

7.4 Smoke Log Mode

To configure the ASD parameter related to Smoke logging matter.

Parameter	Display Code	Configure Range	Description
Smoke Log Enable	rt.	On / Off	Setting this function to ON, this enables the smoke log.
Smoke Log Mode	SC. / St.	Rate or Change	Log Mode "Rate" : function sets the following log rate in seconds: 1, 10, 60, 300, 600, 1200, 1800, 3600 Log Mode "Change" : function sets the following change percentage of the detection full scale: 0.01%, 0.05%, 0.1%, 0.2%, 0.5%, 1%, 2%, 5%

8.0 Menu "Flow"

Pipe: 1 2 3 4

Pipe Used On Off

Pipe Flow High

Pipe Flow Low

Pipe Aspirator Speed

Flow Sensitivity

Auto Normalization On Off

Flow Normalization On Off

More parameter

Flow Log Enable On Off

Flow Log Mode Rate Change

Flow Log Change (%)/Rate (sec)

8.1 Pipe Flow

To configure the ASD parameter related to Pipe inlet, Flow monitoring and Fan.

Parameter	Display Code	Configure Range	Description
Pipe Used	U.	ON / OFF	Enable if the pipe is connected. It is used to enable or disable flow sensing on the specified pipe inlet of the detector. If any pipe inlets are unused, set the relevant flow sensor function for the pipe inlet to No to avoid unwanted flow faults.
	1U/2U 3U/4U		
Pipe Flow High	A1.	101 – 200	Flow high is the level above which airflow needs to increase to trigger a fault indication (which may indicate a loose or damaged inlet pipe)
	1H/2H 3H/4H		
Pipe Flow Low	A2.	0 to 99	Flow high is the level above which airflow needs to increase to trigger a fault indication (which may indicate a loose or damaged inlet pipe)
	1H/2H 3H/4H		
Pipe Fan Speed	A3.	0 to 10	The value entered sets the aspirator in the detector to one of a range of predetermined speeds. The lower the number entered the lower the airflow rate and the lower the power consumption.
	1H/2H 3H/4H		
Flow Sensitivity	A4.	0 to 5	The flow detection sensitivity increases with the set number.

8.2 Normalize Flow

To configure the ASD parameter related to air flow normalization

Parameter	Display Code	Configure Range	Description
Auto Normalize	NF	ON / OFF	Setting this function to Y will automatically go into normalization process when the device is powered on.
Flow Normalize	NA.	ON / OFF	When set to "ON", the detector will perform Flow Normalization process and upon completion, the flow will be set to 100% as base reference. <i>It is important to make sure No Breakage or Blockage on the pipe before perform this function. Otherwise, incorrect detection behavior could happen.</i>

8.3 Flow Log Mode

To configure the ASD parameter related to Air Flow logging method.

Parameter	Display Code	Configure Range	Description
Smoke Log Enable	FN.	On / Off	Setting this function to ON, this enables the Flow log.
Smoke Log Mode	FC. / Ft.	Rate or Change	Log Mode "Rate": function sets the following log rate in seconds: 1, 10, 60, 300, 600, 1200, 1800, 3600 Log Mode "Change": function sets the following change percentage of the detection full scale: 0.01%, 0.05%, 0.1%, 0.2%, 0.5%, 1%, 2%, 5%

9.0 Menu “Filter”

To configure the ASD parameter related to filter monitoring.

Filter Used On Off

New Filter On Off

Parameter	Display Code	Configure Range	Description
Filter Used	OF.	ON / OFF	Setting this function to ON to enable the monitoring of the build in filter
New Filter	FN.	ON / OFF	Setting this function to ON to start a new filter life cycle when a new filter has been installed

10.0 Menu “System”

RTC Disable ON OFF
 Restore Default Setting ON OFF
 Relay Board 1 Used ON OFF
 LED Board 1 Used ON OFF
 Panel Buzzer Mode
 Alert Flash Mode
 Action Flash Mode
 Fire 1 Flash Mode
 Fire 2 Flash Mode
 Test Button Enable ON OFF
 Silence Button Enable ON OFF
 Isolate Button Enable ON OFF
 Reset Button Enable ON OFF
 Cascade Alarm ON OFF
 Alarm Latch ON OFF
 Fault Latch ON OFF

Fault Delay (sec)
 Relay 1 Function
 Relay 2 Function
 Relay 3 Function
 Relay 4 Function
 Relay 5 Function
 Relay 6 Function
 Relay 7 Function
 GPI 1 Function
 GPI 2 Function
 GPI 3 Function
 GPI 4 Function
 GPI 5 Function
 GPI 6 Function
 GPI 7 Function
 GPI 8 Function
 Scan Enabled ON OFF
 Scan Level
 Scan Time

- To configure the ASD parameter related to system.
- To configure the ASD parameter related to Relay.
- To configure the ASD parameter related to GPI.
- To configure the ASD parameter related to scanning configuration. Only applied to model which has scanning function (VDOT-ASD-400).

Parameter	Display Code	Configure Range	Description
RTC Disable	OF.	ON / OFF	Setting this function to ON to enable the monitoring of the build in filter
Default	dF.	ON / OFF	Setting the function to ON will restore the device to the factory default settings. However, the device address will not be affected to prevent from unwanted network error
LED Board 1 Used	OF.		

Panel Buzzer Mode	db.	0 to 4	The front panel beeper has different mode when it is set to the following number: 0: Disable the beeper, no sound in case of alarm or fault. 1: In alarm, the beeper sounds one second in every 10 seconds. In fault, the beeper will not sound. 2: In alarm and fault, the beeper sounds one second in every 10 seconds. 3: In alarm, the beeper sound consistently. In fault, the beeper sounds one second in every 10 seconds. 4: In alarm and fault, the beeper sound consistently
Alert Flash Mode	A1	Not Used / Slow Flashing / Fast Flashing / Burst Flashing	The flash notification will actuate according to your setting when ASD at their current stage.
Action Flash Mode	A2		
Fire 1 Flash Mode	A3.		
Fire 2 Flash Mode	A4.		
Test Button Enable	Ct.	ON / OFF	The front panel buttons may be enabled or disabled individually by setting these functions
Silence Button Enable	CS.	ON / OFF	
Isolate Button Enable	CI.	ON / OFF	
Reset Button Enable	Cr.	ON / OFF	
Cascade Alarm	CA.	ON / OFF	Setting this function to ON means that only when the detector's controller has gone into Alert does the controller start counting down the Action delay i.e. the time delays on Alert and Action are cumulative. So are the following Fire 1 and Fire 2 delays. There are chances that the higher-level alarm goes off before the lower level alarm if the setting of higher level alarm time delay is less than the time delay of lower level alarm and the smoke level increase quickly. Enable cascade alarm will guarantee the alarms go off step by step.
Alarm Latch	AL.	ON / OFF	When this function is set to Y it requires a reset on the front panel or a remote reset to clear an alarm condition.
Fault Latch	FL.	ON / OFF	If this function is set to N, the fault will be reset automatically when the fault condition is cleared.
Fault Delay	Ft.	0 to 60 seconds	The fault delay is the number of seconds that a fault condition has to be continuously exist before the detector fault signal will be reported.
Relay 1	r1.	Isolate / Fault / Alert / Action / Fire 1 / Fire 2 / Auxiliary	The Relay will be activated according to the signal when ASD are in the event. Note: Relay 2 is Normally Closed the others are Normally Open.
Relay 2	r2.		
Relay 3	r3.		
Relay 4	r4.		
Relay 5	r5.		
Relay 6	r6.		
Relay 7	r7.		
GPI 1	I1.	Not Used / Reset / Isolate / Silence / Test / Main Fault / Battery Fault / Power Fault / Sensitivity Mode 1, 2/ SCAN	The ASD will perform the action when the GPI is active.
GPI 2	I2.		
GPI 3	I3.		
GPI 4	I4.		
GPI 5	I5.		
GPI 6	I6.		
GPI 7	I7.		
GPI 8	I8.		
Scan Enable	SE.	ON / OFF	Enable Pipe Scan Function
Scan Level	SL.	0 to 4	The alarm level reached to start pipe scan process to identify the pipe with most smoke. 0=Manual Only, 1=Alert, 2=Action, 3=Fire 1, 4=Fire 2
Scan Time	St.	5 to 60 seconds	The time in seconds for the aspirator operate on each pipe.

11.0 Menu “Advanced”

This menu is not available for other access and require Password to enter into this menu.

12.0 Menu “Zone Relay”

To configure the ASD parameter related to model which has scanning capability (VDOT-ASD-400).

Pipe 1	Relay 1 Output Function : <input type="text" value="0"/>	Pipe 3	Relay 1 Output Function : <input type="text" value="65535"/>
	Relay 2 Output Function : <input type="text" value="0"/>		Relay 2 Output Function : <input type="text" value="65535"/>
	Relay 3 Output Function : <input type="text" value="All"/>		Relay 3 Output Function : <input type="text" value="65535"/>
	Relay 4 Output Function : <input type="text" value="0"/>		Relay 4 Output Function : <input type="text" value="65535"/>
Pipe 2	Relay 1 Output Function : <input type="text" value="65535"/>	Pipe 4	Relay 1 Output Function : <input type="text" value="65535"/>
	Relay 2 Output Function : <input type="text" value="65535"/>		Relay 2 Output Function : <input type="text" value="65535"/>
	Relay 3 Output Function : <input type="text" value="65535"/>		Relay 3 Output Function : <input type="text" value="65535"/>
	Relay 4 Output Function : <input type="text" value="65535"/>		Relay 4 Output Function : <input type="text" value="65535"/>

Parameter	Display Code	Configure Range	Description	Notes
Pipe 1 Relay 1	01.	Isolate / Fault / Alert / Action / Fire 1 / Fire 2 / Auxiliary	The Relay will be activated according to the signal when ASD are in the event. Note: Relay 2 is Normally Closed the others are Normally Open.	Apply to VDOT-ASD-400,
Pipe 1 Relay 2	02.			
Pipe 1 Relay 3	03.			
Pipe 1 Relay 4	04.			
Pipe 2 Relay 1	05.			
Pipe 2 Relay 2	06.			
Pipe 2 Relay 3	07.			
Pipe 2 Relay 4	08.			
Pipe 3 Relay 1	09.			
Pipe 3 Relay 2	10.			
Pipe 3 Relay 3	11.			
Pipe 3 Relay 4	12.			
Pipe 4 Relay 1	13.			
Pipe 4 Relay 2	14.			
Pipe 4 Relay 3	15.			
Pipe 4 Relay 4	16.			

13.0 Menu “History”

- To read out the event log, Smoke, Air Flow trend chart.
- To export the event log, Smoke, Air Flow trend chart to Excel format inside computer.

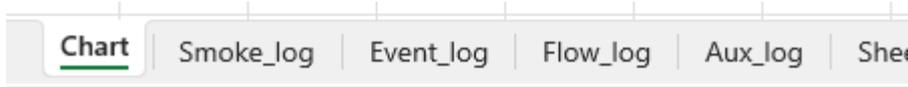
Address: Port: Upload log from:

Query time range To

ion

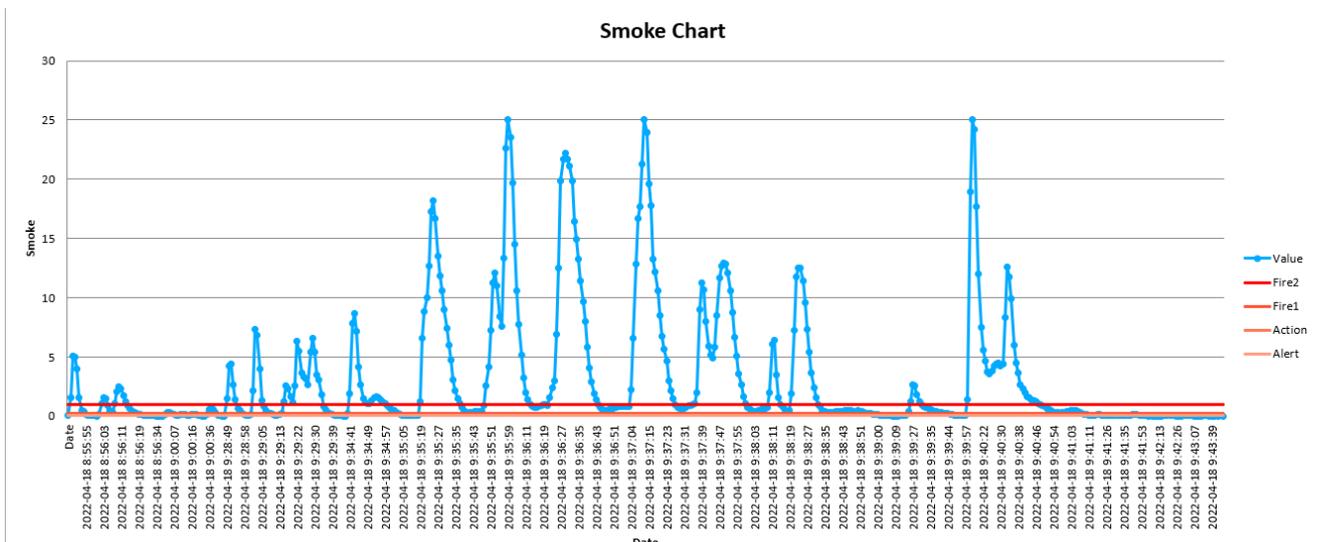
Date	Zone	Event	Value
No data for table			

The download history file consists of few tab.



13.1 Chart

Display the Smoke Trend record in graphical format.



13.2 Smoke Log

Record the smoke value with date and time stamp.

Date	Zone	Value
2022-04-18 8:55:48	Zone1	0.047
2022-04-18 8:55:49	Zone1	1.605
2022-04-18 8:55:50	Zone1	5.096
2022-04-18 8:55:51	Zone1	5.039
2022-04-18 8:55:52	Zone1	4.011
2022-04-18 8:55:53	Zone1	1.537
2022-04-18 8:55:54	Zone1	0.504
2022-04-18 8:55:55	Zone1	0.397
2022-04-18 8:55:56	Zone1	0.181
2022-04-18 8:55:57	Zone1	0.109
2022-04-18 8:55:58	Zone1	0.072
2022-04-18 8:55:59	Zone1	0.047
2022-04-18 8:56:00	Zone1	0.029
2022-04-18 8:56:01	Zone1	0.016
2022-04-18 8:56:02	Zone1	0.13
2022-04-18 8:56:03	Zone1	1.105
2022-04-18 8:56:04	Zone1	1.54
2022-04-18 8:56:05	Zone1	1.466
2022-04-18 8:56:06	Zone1	0.904

13.3 Event Log

Record the event occurred on the ASD with date and time stamp.

Date	Zone	Event	Description
2022-04-18 8:29:24	Device	Operation	Power On
2022-04-18 8:29:24	Zone1	Fault	Zone Fan Board 1 not connected Clear
2022-04-18 8:29:24	Zone1	Operation	Flow Normalization Start
2022-04-18 8:29:24	Zone2	Operation	Flow Normalization Start
2022-04-18 8:29:24	Zone3	Operation	Flow Normalization Start
2022-04-18 8:29:24	Zone4	Operation	Flow Normalization Start
2022-04-18 8:41:46	Device	Operation	Parameter changed via Display
2022-04-18 8:42:19	Device	Operation	Parameter changed via Display
2022-04-18 8:43:02	Device	Operation	Power On
2022-04-18 8:43:02	Zone1	Fault	Zone Fan Board 1 not connected Clear
2022-04-18 8:43:02	Zone1	Operation	Flow Normalization Start
2022-04-18 8:43:02	Zone2	Operation	Flow Normalization Start
2022-04-18 8:43:02	Zone3	Operation	Flow Normalization Start
2022-04-18 8:43:02	Zone4	Operation	Flow Normalization Start
2022-04-18 8:55:52	Device	Alarm	Alert Alarm
2022-04-18 8:55:55	Device	Alarm	Action Alarm
2022-04-18 8:56:06	Device	Alarm	Fire 1 Alarm
2022-04-18 8:56:06	Device	Operation	Pipe Scan Start

13.4 Flow Log

Record the air flow value with date and time stamp.

Date	Zone	Value
2022-04-18 8:33:23	Zone4	105
2022-04-18 8:33:24	Zone2	105
2022-04-18 8:33:24	Zone3	105
2022-04-18 8:33:24	Zone1	105
2022-04-18 8:47:01	Zone4	100
2022-04-18 8:47:02	Zone2	100
2022-04-18 8:47:02	Zone3	100
2022-04-18 8:47:02	Zone1	100
2022-04-18 10:46:21	Zone4	105
2022-04-18 10:46:21	Zone3	105
2022-04-18 10:46:21	Zone2	105
2022-04-18 10:46:21	Zone1	105
2022-04-18 10:46:35	Zone1	95
2022-04-18 10:46:47	Zone3	95
2022-04-18 10:48:31	Zone4	180
2022-04-18 10:48:36	Zone4	170
2022-04-18 10:48:40	Zone4	159
2022-04-18 10:48:46	Zone4	149
2022-04-18 10:48:51	Zone4	138
2022-04-18 10:48:56	Zone4	127
2022-04-18 10:48:59	Zone3	105
2022-04-18 10:49:01	Zone4	114
2022-04-18 10:49:03	Zone1	105

14.0 Menu “Device Time”

To set the ASD Device Time.

Address:	<input type="text" value="2"/>
Year:	<input type="text" value="23"/>
Month:	<input type="text" value="12"/>
Day:	<input type="text" value="12"/>
Hour:	<input type="text" value="11"/>
Minute:	<input type="text" value="16"/>
Second:	<input type="text" value="23"/>

15.0 Menu “Diagnostic”

- To Test the ASD “General Alarm” or “Zone Relay” functionality.
- Zone Relay only for model which has scanning function (VDOT-ASD-400).

Device	Zone1	Zone2	Zone3	Zone4
Relay 1:	<input type="radio"/> ON	<input checked="" type="radio"/> OFF		<input type="button" value="Activate"/>
Relay 2:	<input type="radio"/> ON	<input checked="" type="radio"/> OFF		<input type="button" value="Activate"/>
Relay 3:	<input type="radio"/> ON	<input checked="" type="radio"/> OFF		<input type="button" value="Activate"/>
Relay 4:	<input type="radio"/> ON	<input checked="" type="radio"/> OFF		<input type="button" value="Activate"/>
Relay 5:	<input type="radio"/> ON	<input checked="" type="radio"/> OFF		<input type="button" value="Activate"/>
Relay 6:	<input type="radio"/> ON	<input checked="" type="radio"/> OFF		<input type="button" value="Activate"/>
Relay 7:	<input type="radio"/> ON	<input checked="" type="radio"/> OFF		<input type="button" value="Activate"/>

All Relay:

15.1 Device Relay

- Test General Alarm Relay of the connected devices

15.2 Zone Relay

- Test Zone Alarm Relay of the connected devices. Only Apply to ASD model which has scanning capability. VDOT-ASD-400