

# Willabay Design Environmental Data Agent (EDA)

## Technical Specifications

Version V4.2.03 – 3/4/2018

	Default	Minimum	Maximum
<b>Number of Sensors Per EDA</b>			
TPP2L(G2)	0	0	16
DS1101 or TPP2L(G1)	0	0	8
<b>Number of EDAs Per EDMS System</b>		1	10
<b>Number of Sensors Per EDMS System</b>		0	100 (estimate)
<b>Number of Repeaters Per EDA</b>	0	0	2
<b>Low Temperature Limit</b>			
EDS T, TH Sensor	45	1	
EDS THX(2040) Sensor	45	1	
EDS 2040 Probe	45	1	
<b>High Temperature Limit</b>			
EDS T, TH Sensor	120		120
EDS THX(2040) Sensor	120		120
EDS 2040 Probe	150		180
<b>Low Humidity Limit</b>			
EDS TH Sensor	20	0	
EDS THX(2040) Sensor	20	0	
EDS 2040 Probe	NA	NA	NA

	<b>Default</b>	<b>Minimum</b>	<b>Maximum</b>
<b>High Humidity Limit</b>			
EDS TH Sensor	90		100
EDS THX(2040) Sensor	90		100
EDS 2040 Probe	NA	NA	NA
<b>EDA Sensor Data Resolution</b>			
Temperature	.1 Degree F		
Humidity	.1 % RH		
<b>Threshold Resolution</b>			
Temperature	.1 Degree F		
Humidity	.1 % RH		
<b>Server Update Frequency</b>	10 Minutes	3 Minutes	15 Minutes
<b>Alert Email Addresses</b>			
Number of Addresses		1	5
Total Target Address Character Length		NA	128
<b>System Name Characters</b>			
Overall System Name (characters) Requires "WD"[NN]	3	3	10
"WD"[NN] NN Value	1	1	20
<b>Customer Number Characters</b>	5	5	5
<b>Host Number in EDA</b>		1	20
<b>MNCTRL Device Name Format</b>			
"MNCTRL_HC"[NN] (characters) NN is Host Number		10	11

		Minimum	Maximum
<b>MNCTRL Host Name Format</b>			
MNCTRL Host Name Total Characters (Must end with "MNCTRL"[NN]) NN is Host Number		7	10
[XX]"MNCTRL"[NN] NN Value		1	20
Prefix XX Characters		0	3
<b>Device Username Required Format</b>			
EDS T Sensors	WD T-[N]	N – Numbered in order	TPP2L(G2) – 16 Max Others – 8 Max
EDS TH, THX Sensors	WD TH-[N]	N – Numbered in order	TPP2L(G2) – 16 Max Others – 8 Max
EDS MN Repeater	WD R-X	Fixed Name with X	
<b>Supported Network Protocols (EDA Only)</b>			
	Email	MN-CTRL Interface	Server Interface
	SMTP	TCP, UDP	DHCP, TCP, UDP
<b>Most Recent Supported Firmware</b>			
	Version	Date	Notes
<b>EDS Devices</b>			
EDS 1064, 1065 Sensors	1.18		
EDS 2040 Sensors	1.05		
EDS MN-CTRL Controller	2.04		
EDS MN Repeater	1.02		
<b>Tibbo Devices</b>			
DS1101	3.60.06	3/2/2018	V4.2.03
TPP2L – G1	3.60.06	3/2/2018	V4.2.03
TPP2L – G2	3.71.05	3/2/2018	V4.2.03
<b>Current Tibbo TIDE</b>			
	5.04.04		Development Tool