

# UNIVERSAL SYSTEM CONTROL MODULE (USCM) KIT

## CBRN Controller Parameters



Order Information		
<b>Company Name</b>	<b>Name</b>	
<b>Address</b>	<b>City, State and ZIP Code</b>	<b>Country</b>
Project Description		
<b>PO/Contract</b>	<b>Date</b>	<b>Firmware</b>

Parameter #	Name	Description	Range	Default	Value
Calc	Cabin Low Pressure Alarm Threshold	Where ACM will alarm (First Red)	0.1 iwc – 5.0 iwc 25 Pa – 1250 Pa	0.3 iwc 75 Pa	
6	Cabin Target Pressure	Midpoint (Middle Green)	0.1 iwc – 5.0 iwc 25 Pa – 1250 Pa	0.7 iwc 175 Pa	
Calc	Filter LED Max Green LED Pressure	Pressure indicated by the topmost Green	1.0 iwc – 20 iwc 250 Pa – 5000 Pa	9 iwc 2250 Pa	
Calc	Filter LED Max Yellow LED Pressure	Pressure indicated by the topmost Yellow	1.0 iwc – 20 iwc 250 Pa – 5000 Pa	11 iwc 2750 Pa	
Calc	Filter LED Max Red LED Pressure	Pressure indicated by the topmost Red	1.0 iwc – 20 iwc 250 Pa – 5000 Pa	13 iwc 3250 Pa	
108	AgentDetect I Enable / Disable	<b>Enabled</b> , a DC voltage above 8V on the binding posts will cause the Agent Detector to alarm and the system will start. <b>Disabled</b> , Agent detector I interface is disabled.	Disabled / Enabled	Enabled	
109	Agent I Internal Enable/Disable	<b>Enabled</b> , the Agent I Detector alarms displaying an internal alarm (Agent I LED On, Audible Alarm, & Mask Alarm). <b>Disabled</b> , the Agent I Detector alarms displaying an external alarm (Agent I LED On & Audible Alarm).	Disabled / Enabled	Enabled	
110	Agent Detect X Enable/Disable	<b>Enabled</b> , a DC voltage above 8V on the binding posts will cause the Agent Detector to alarm and the system will start <b>Disabled</b> , Agent detector X interface is disabled.	Disabled / Enabled	Enabled	
111	Agent X Internal Enable/Disable	<b>Enabled</b> , the Agent Detector alarms displaying an internal alarm (Agent X LED On, Audible Alarm, & Mask Alarm). <b>Disabled</b> , the Agent Detector alarms displaying an external alarm (Agent X LED On & Audible Alarm)	Disabled / Enabled	Disabled	
116	Relay Timer #1	Relay will stay engaged for this duration after the system is turned off	0 sec – 3600 sec	0 sec	
117	Relay Timer #2	Relay will stay engaged for this duration after the system is turned off	0 sec – 3600 sec	0 sec	
135	Mask Press Timer	Time after which the Mask Alarm occurs if the TFA pressure is not above the TFA low pressure alarm threshold on start up only.	20 sec – 60 sec	20 sec	
118	Audible Alarm Enable / Disable	Audible Alarm is Active	Disabled / Enabled	Enabled	
Jumper	Audible Alarm Volume	Audible Alarm Volume	85 dB or 110 dB	85 dB	

### HDT Expeditionary Systems, Inc.

30500 Aurora Road, Suite 100, Solon, OH 44139 USA

800.969.8527 / 216.HDT.6111 / www.hdtglobal.com / sales@hdtglobal.com

Revision 1 01-20 01-07-01-0452