

Technical Document

InSight 95UVS4 & 95IRS4 ModBus Table



RS-485 MODBUS TABLE FOR 95UVS4

Note: Holding Register address = data address + 400001		LENGTH	READ	OUTPUT		TO DISPLAY		
Length is in Registers, each Register is two bytes				MIN	MAX	MIN	MAX	Unit
1086	UV AIM VALUE	1	0x03	0	60	0	60	pts
1088	Current UV Front End Gain*	1	0x03	5	255	0	100	%
1069	FLAME QUALITY	1	0x03	0	100	0	100	%
1067	FLAME SIGNAL	1	0x03	0	999	0	999	pts
1064	CURRENT TEMPERATURE °C	1	0x03					°C
1288	FAULT RELAY STATUS	1	0x03	0	1	FAULT	HEALTHY	boolean
1289	FR1 RELAY STATUS	1	0x03	0	1	FLAME OFF	FLAME ON	boolean
* To change the 255-5 in to 0-100% : percent = (255 - value)*100/250								
This will turn the FEG into Intensity								



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InSight 95UVS4 & 95IRS4 ModBus Table



RS-485 MODBUS TABLE FOR 95IRS4

RS-485 MODBUS TABLE FOR 95IRS4								
Note: Holding Register address = data address + 400001		LENGTH	READ	OUTPUT		TO DISPLAY		
				MIN	MAX	MIN	MAX	Unit
1085	IR AIM VALUE	1	0x03	0	60	0	60	pts
1087	Current IR Front End Gain*	1	0x03	5	255	0	100	%
1069	FLAME QUALITY	1	0x03	0	100	0	100	%
1067	FLAME SIGNAL	1	0x03	0	999	0	999	pts
1064	CURRENT TEMPERATURE °C	1	0x03					°C
1288	FAULT RELAY STATUS	1	0x03	0	1	FAULT	HEALTHY	boolean
1289	FR1 RELAY STATUS	1	0x03	0	1	FLAME OFF	FLAME ON	boolean
* To change the 255-5 in to 0-100% : percent = (255 - value)*100/250								
This will turn the FEG into Intensity								



For more information, please [contact](#) your local OEM or Fireeye Distributor.

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