

HUBBOX
SMART INDUSTRIAL IoT

Func	Address	Type	Name	Description	Default	Min	Max	Unit	AccesType	
Coils	1	bool	Out1		0				R/W	
	2	bool	Out2		0				R/W	
	3	bool	Out3		0				R/W	
	4	bool	Out4		0				R/W	
	5	bool	Out5		0				R/W	
	6	bool	Out6		0				R/W	
	7	bool	Out7		0				R/W	
	8	bool	Out8		0				R/W	
Discrete Inputs	10001	bool	Input1						R	
	10002	bool	Input2						R	
	10003	bool	Input3						R	
	10004	bool	Input4						R	
	10005	bool	Input5						R	
	10006	bool	Input6						R	
	10007	bool	Input7						R	
	10008	bool	Input8						R	
	10009	bool		Reserved					R	
	10010	bool		Reserved					R	
Input Registers	30001	uint16	analog input1			0	4095		R	
	30002	uint16	analog input2			0	4095		R	
	30003	uint16		Reserved					R	
	30004	uint16		Reserved					R	
	30005	uint16		Reserved					R	
	30006	uint16		Reserved					R	
	30007	uint16		Reserved					R	
	30008	uint16		Reserved					R	
	30009	uint16		Reserved					R	
	30010	uint16		Reserved					R	
	30011	uint16		Reserved					R	
	30012	uint16		Reserved					R	
	30013	uint16		Reserved					R	
	30014	uint16		Reserved					R	
	30015	uint16		Reserved					R	
	30016	uint16		Reserved					R	
	30017	uint16		Reserved					R	
	30018	uint16		Reserved					R	
	30019	uint32	IO1RisingEdgeCount						pcs	R
	30021	uint32	IO2RisingEdgeCount						pcs	R
	30023	uint32	IO3RisingEdgeCount						pcs	R
	30025	uint32	IO4RisingEdgeCount						pcs	R
	30027	uint32	IO5RisingEdgeCount						pcs	R
	30029	uint32	IO6RisingEdgeCount						pcs	R
30031	uint32	IO7RisingEdgeCount						pcs	R	
30033	uint32	IO8RisingEdgeCount						pcs	R	
30035	uint32							pcs	R	
30037	uint32							pcs	R	

Holding Registers	40001	uint16	HWVer	Hardware Version	1				R
	40002	uint16	SWVer	Software Version	1				R
				0:Success 1:Fault 2:FactoryReset 3:ApplyConfigSettings 4:Reboot 0:Success 10:All input Counter Reset 10+input Number x:ResetRisingEdgeCounter x (11:ResetInputCounter1)					
	40003	uint16	CommandReg	x:ResetRisingEdgeCounter x (11:ResetInputCounter1)	0	0			R/W
	40004	uint16	IP[3]	Ip Oktet 3	192	0	255		R/W
	40005	uint16	IP[2]	Ip Oktet 2	168	0	255		R/W
	40006	uint16	IP[1]	Ip Oktet 1	24	0	255		R/W
	40007	uint16	IP[0]	Ip Oktet 0	251	0	255		R/W
	40008	uint16	SN[3]	Subnet Oktet 3	255	0	255		R/W
	40009	uint16	SN[2]	Subnet Oktet 2	255	0	255		R/W
	40010	uint16	SN[1]	Subnet Oktet 1	255	0	255		R/W
	40011	uint16	SN[0]	Subnet Oktet 0	0	0	255		R/W
	40012	uint16	GW[3]	Gateway Oktet 3	192	0	255		R/W
	40013	uint16	GW[2]	Gateway Oktet 2	168	0	255		R/W
	40014	uint16	GW[1]	Gateway Oktet 1	24	0	255		R/W
	40015	uint16	GW[0]	Gateway Oktet 0	254	0	255		R/W
	40016	uint16	MAC[5]	MAC Address 5	MCUID	0	255		R/W
	40017	uint16	MAC[4]	MAC Address 4	MCUID	0	255		R/W
	40018	uint16	MAC[3]	MAC Address 3		0	255		R/W
	40019	uint16	MAC[2]	MAC Address 2		0	255		R/W
	40020	uint16	MAC[1]	MAC Address 1		0	255		R/W
	40021	uint16	MAC[0]	MAC Address 0		0	255		R/W
	40022	uint16	Inputs18Type	0:OnlyInput 1:Input&RelayDrive	0	0	255		R/W
	40023	uint16	OutsHoldEnable	0:OutsIsVolatile 1:OutsIsNonVolatile	0	0	255		R/W
	40024	uint16	PWMStatus	0:PwmStateIdle 1:PwmStateStopped 2:PwmStateUpdated 3:PwmStateStarted 4:PwmStateUpdateFail	0	3	0		R
	40025	uint16	PWMCmd	0:PwmCmdIdle 1:PwmCmdStart 2:PwmCmdStop	0	2	0		R/W
	40026	uint16	DutyCycle(%) [0-100]	OnTime/Periode %	0	100	50		R/W
	40027	uint16	PWMFrequency(HZ) [1-50000Hz]	Frequency in Hz	0	65000	1000		R/W
	40028	uint16	PWMOnTime(ms)	Reserved					
	40029	uint16	PWMStatus	0:PwmStateIdle 1:PwmStateStopped 2:PwmStateUpdated 3:PwmStateStarted 4:PwmStateUpdateFail					
	40030	uint16	PWMCmd	0:PwmCmdIdle 1:PwmCmdStart 2:PwmCmdStop					
	40031	uint16	DutyCycle(%) [0-100]	OnTime/Periode %					

40032	uint16	PWMFrequency(HZ) [1-50000Hz]	Frequency in Hz					
40033	uint16							
40034	uint16							
40035	uint16							
40036	uint16							
40037	uint16							
40038	uint16							
40039	uint16							
40040	uint16							
40041	uint16							
40042	uint16							
40043	uint16							
40044	uint16	Dac1	Dac Channel Out 1 Value 0-4095					
40045	uint16	Dac2	Dac Channel Out 2 Value 0-4095					



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