Digital Input Box with Wi-Fi communication

Taiwan Silicon Microelectronics Corporation

http://www.tsmccomp.com

address : 2F.-1, No.288-3, Hsin-Ya Rd.,

Kaohsiung City 806, Taiwan (R.O.C.)

Tel: 886-7-861-9786

Email: yp_hsu@tsmccomp.com.tw

Email: harpertw@tsmccomp.com.tw

Model name: DI-WiFi Series

Specification

Item	Description
Digital input	Isolate input by photo couple
	input each group using the same isolated ground
	8 digital inputs. 2 groups, 4 input for each group.
	Low level:<0.2V, high Level: floating.
Light indicated	Light is turned on when input is high level.
	Connection light and cloud light
Wi-Fi communication:	802.11 b/g/n
	AP(installation/operation), STA(operation)
	Websocket(LAN), MQTT/ MQTTS(LAN/internet)
	WiFi connection light. Flash: try connecting. Bright: connected. Dark: connection lost.
JSON format command/message	Typical command class: Device login: authority management Device hello: device searching Parameters accessing: parameters reading and writing. Measurement polling. Active measurement message: periodic message or accident event/alarm Password management Text file accessing: for certification file updating
Hex ASCII format command/message(option)	For less payload. For fast command/message decoding.
Terminal signal	Power +, power-, (DI x 4 + ground) x2 , e-Case
Terminal	Europe terminal

Power	DC +10V~+26V
Power consumption	Normal operation: 1W 9V, ~100mA 12V, ~80mA
Operation temperature	-10℃~60℃
Storage temperature	-20℃~80℃

Front view