

FP INOVOLABS GMBH: FP S-OTGUARD H651 LAN



Physical Properties

Programming Interface	TiXML (XML compatible script language)
Switchboard Installation (DIN rail mounting)	Yes
Device Size	(89 x 58 x 91) mm
Weight	1.3 kg
IP Class 1st Digit	2 - Protected against solid objects over 12.5mm e.g. hands, large tools.
IP Class 2nd Digit	0 - No protection
Operating Temperature	min. -25°C, max. 65°C
Storage Temperature	min. -40°C, max. 85°C
Operating Humidity	max. 5 - 95 % non-condensing
Storage Humidity	max. 5 - 95 % non-condensing

Electrical Characteristics

External Voltage	10...30 V DC
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System Characteristics

Processor	400 MHz, ARM9, ATMEL SAM9-G25
Flash	128 MB on-board
RAM	128 MB DDR2-RAM

Connectivity

Ethernet	Yes
WiFi	Optional

Antennas

GSM Antenna Connector (number)	1
GSM Antenna Connector (standard)	FME (male)

I/O

RTC	Yes
Number of Ethernet Ports	1
Data transfer rate of Ethernet Port(s)	10/100 Mbps
USB	Yes
RS 232	Yes
RS 485	Yes
I2C-Bus	Yes
Digital In	1
Others	UART Full+Lite, JTAG, GPIO



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Supported Protocol Layers / Frameworks

Siemens S7	Yes
Siemens Logo	Yes
Modbus TCP	Yes
Modbus RTU	Yes
Other	ABB, Mitsubishi, Moeller/Eaton, Allen-Bradley, Schneider, Crouzet, VIPA

Certification

CE	Yes
RoHS	Yes
WEEE	Yes
WEEE valid for	DE

Cloud of Things

Connectivity with CoT	MQTT
SmartREST	Yes
SmartREST Prefix	FPIL_TIXIGW_100

Safety and Security

TLS	1.2
Encryption mechanisms	AES

Contact

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