

SUNIT

Bridge for Demanding Duties

SUNIT Gate-Gear

POE+ INJECTOR FOR INDUSTRY, FLEET & INFRA



- Plug and play PoE+ network devices
- Automatic detection of PoE-devices
- Integrated Power-Supply, applies power to a PoE (up to 15 W) and PoE+ (up to 30 W) per device
- 2 x Gigabit Ethernet port (1 x Upstream and 1 x Downstream)
- 4 x PoE+ Ethernet port
- Metal enclosure
- Conformal-coated Electronics
- Net-connection up to 100 meters
- For wide operating temperature range of -40 to 75 °C
- LED indicators confirm PoE and network connectivity
- Individual PoE+ I/O Control from User-application
- Self-Powered



POE+ INJECTOR FOR INDUSTRY FLEET AND INFRA

SUNIT Gate-Gear PoE+ Injector is a Industrial Gigabit PoE+ unit with high-value components rated for extreme industrial environments.

It supports Power-access moreover 100m enabling flexible positionings of Access points.

It supports Power over Ethernet for a PoE, PoE+, or high power PoE+ devices.

Thru Serial Interface Windows application control each PoE+ Interface and PoE+ Extenders sends on request the Status-reports.

Dual-wiring 9 ... 36V power inputs with current protections support up-to 120W Down streams.

LED-Signals for each Streams indicates an Application status individually for each Ethernet-lines.

Applicable on Fleets, Industry and Infra-structure.

SUNIT in Brief—Focus on Client Entrepreneur

Over 20 year's core-focus on tough computers and deep knowledge of client-demands has brought us prime expertise in technology.

We demand ourselves deep knowledge of the Clients entrepreneur and we strive to bring the long-term technology into his ICT.

Our technology connects OAC - Open Architecture Computing to IoT - Internet of Things with Powerful Processing.

Our Products are covered by Industry Standard ISO-16750, UNECE-Regulations and Environmental Standards.

www.sunit.fi

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SUNIT Gate-Gear Device Control

POE COM Port: COM11 [CONNECT]

Maintenance-Password: [] [OK]

Status: Connected

Device Info

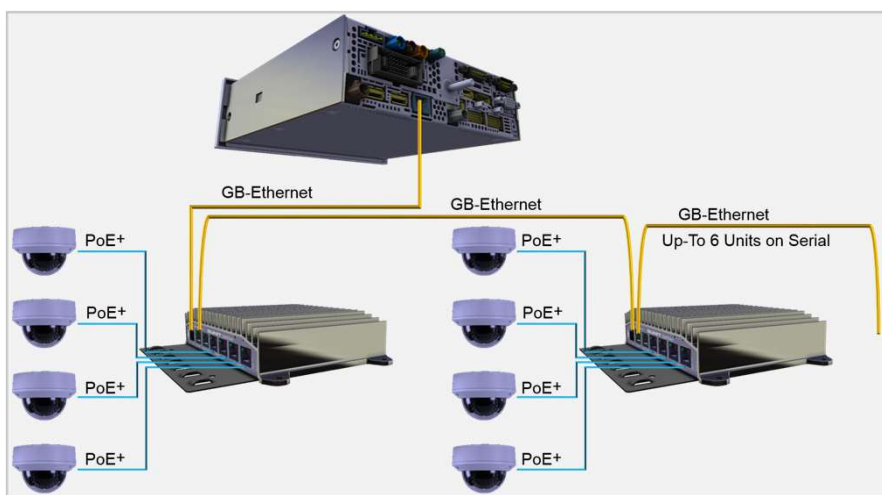
Serialnumber:	PoE 001155	Voltage state	Normal	Serialnumber	[]	SET
Manuf. Week/Year:	3320	Overheat Sensor 1	Normal	Manufacturing Year	[]	SET
SW Version:	V.01A22	Overheat Sensor 2	Normal	Manufacturing Week	[]	SET
Input Voltage	26V	Internal State e.g. I2C+	Normal	Power-On Delay	5s.	SET
Temperature PSE	47°C			Shutdown Delay	3s.	SET
Temperature Sensor 1	44°C			Input Voltage High Limit	36V	SET
Temperature Sensor 2	51°C			Input Voltage Low Limit	11V	SET
				Temperature 1 Limit	88°C	SET
				Temperature 2 Limit	-45°C	SET

Port Control

	PORT 1	PORT 2	PORT 3	PORT 4	PSE DEVICE
Control	[ENABLE]	[DISABLE]	[ENABLE]	[ENABLE]	[ENABLE]
Status	- ON	- OFF	- ON	- ON	- ON
Current	- 0,5A	-	- 0,2A	- 1,1A	- 1,8A
Voltage	- 13,6V	-	- 12,9V	- 15,1V	- 22,3V

Gate-Gear Device Control HMI
 HMI for Computer / server.
 It monitors status of devices and have HMI for device ON/OFF- Managements.

Suitable for Windows 10 O/S.



PoE-Network

SUNIT Gate-Gear PoE+ Injector includes Dual GB-Ethernet port. Therefore, it is possible to Chain-utilize the Network with several Gate-Gear's in line.

Right-side LED = Traffic ON/OFF

Left-side LED = Speed:
 OFF Link 10 Mbps
 Green Link 100 Mbps
 Orange Link 1000 Mbps

V Power In 9 .. 36V

GB-Ethernet Upstream

GB-Ethernet Downstream 15W IEE 802.3at Class 3

4 x PoE+ Ethernet Downstream 30W IEE 802.3at Class 4

- 1 x GB-Ethernet Downstream
- 4 x GB-Ethernet PoE+ Downstream
- Self-Powered +9V ... 36V
- 165 x 170 x 35 mm (W x L x H)
- Casing: Cast-Aluminium
- Total Current PoE+ 120W

