DA1100-EX

DANTECH
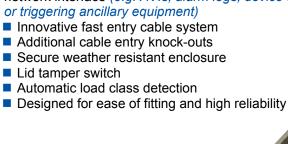**ELECTRONIC ENGINEERING**

*Secure*PoE™ *Multispan*
within a weather resistant security enclosure

Features

- Integrated 5-Port Gigabit network switch for 10/100/1000Mbs
- PoE+ power injector with 1, 2 or 4 load output ports
- 30W of load power availability per port, to IEEE 802.3:2012
- 90-270V AC, 47-63Hz universal mains input
- Ultra high efficiency operation - up to 96% *(tested with 120W load)*
- Safe power supply design
- System power status LED & monitoring contacts
- Individual port power status LEDs and monitoring contacts
- Monitoring relay contacts can be used for analogue or network interface *(e.g. AVIs, alarm logs, device alarm inputs; or triggering ancillary equipment)*
- Innovative fast entry cable system
- Additional cable entry knock-outs
- Secure weather resistant enclosure
- Lid tamper switch
- Automatic load class detection
- Designed for ease of fitting and high reliability

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Description

A power over Ethernet Multispan power supply with secure enclosure and monitoring. Every SecurePoE unit complies with the IEEE 802.3:2012 standard *(IEEE 802.3at/IEEE 802.3af)*. SecurePoE units will provide the full 30W of power to every port. All units are housed in secure tamper protected cases.

The PoE outputs have LED indication to show if a compatible device is connected and powered. In addition there are SPCO clean contacts for monitoring the power status of each output.

PoE Multispan devices combine the reliability of a midspan with the ease of an endspan unit, while adding security and installation flexibility.

The pre-patched network switch allows one data connection (e.g. from network) to be connected to up to 4 PoE powered devices.

Multispan units can be located 100 meters away from existing network infrastructure and attached devices can be a further 100 meters, giving 200m connectivity potential.

	Indoor wall mount	Exterior wall mount	19" Rack-mount
Standard (Non-battery)			
1 x 30W PoE+ injector	DA1000-IN-1	DA1000-EX-1	-
2 x 30W PoE+ injector	DA1000-IN-2	DA1000-EX-2	-
4 x 30W PoE+ injector	DA1000-IN-4	DA1000-EX-4	DA1000-RM-4
8 x 30W PoE+ injector	-	-	DA1000-RM-8
1 x 30W Gigabit PoE+ injector	DA1000-IN-1-G	DA1000-EX-1-G	-
2 x 30W Gigabit PoE+ injector	DA1000-IN-2-G	DA1000-EX-2-G	-
4 x 30W Gigabit PoE+ injector	DA1000-IN-4-G	DA1000-EX-4-G	DA1000-RM-4-G
8 x 30W Gigabit PoE+ injector	-	-	DA1000-RM-8-G
1 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1100-IN-1-G	**DA1100-EX-1-G**	-
2 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1100-IN-2-G	**DA1100-EX-2-G**	-
4 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1100-IN-4-G	**DA1100-EX-4-G**	DA1100-RM-4-G
Battery maintained 1.2Ah			
1 x 30W PoE+ injector	DA1001-IN-1	DA1001-EX-1	-
2 x 30W PoE+ injector	DA1001-IN-2	DA1001-EX-2	-
4 x 30W PoE+ injector	DA1001-IN-4	DA1001-EX-4	DA1001-RM-4
8 x 30W PoE+ injector	-	-	DA1001-RM-8
1 x 30W Gigabit PoE+ injector	DA1001-IN-1-G	DA1001-EX-1-G	-
2 x 30W Gigabit PoE+ injector	DA1001-IN-2-G	DA1001-EX-2-G	-
4 x 30W Gigabit PoE+ injector	DA1001-IN–4-G	DA1001-EX-4-G	DA1001-RM-4-G
8 x 30W Gigabit PoE+ injector	-	-	DA1001-RM-8-G
1 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1101-IN-1-G	DA1101-EX-1-G	-
2 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1101-IN-2-G	DA1101-EX-2-G	-
4 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1101-IN-4-G	DA1101-EX-4-G	DA1101-RM-4-G
Replacement battery pack part code:	**DA1001-IN-BATT**	**DA1001-EX-BATT**	**DA1001-RM-BATT**
Battery maintained 7Ah			
1 x 30W PoE+ injector	DA1007-IN-1	DA1007-EX-1	-
2 x 30W PoE+ injector	DA1007-IN-2	DA1007-EX-2	-
4 x 30W PoE+ injector	DA1007-IN-4	DA1007-EX-4	DA1007-RM-4
8 x 30W PoE+ injector	-	-	DA1007-RM-8
1 x 30W Gigabit PoE+ injector	DA1007-IN-1-G	DA1007-EX-1-G	-
2 x 30W Gigabit PoE+ injector	DA1007-IN-2-G	DA1007-EX-2-G	-
4 x 30W Gigabit PoE+ injector	DA1007-IN-4-G	DA1007-EX-4-G	DA1007-RM-4-G
8 x 30W Gigabit PoE+ injector	-	-	DA1007-RM-8-G
1 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1107-IN-1-G	DA1107-EX-1-G	-
2 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1107-IN-2-G	DA1107-EX-2-G	-
4 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1107-IN-4-G	DA1107-EX-4-G	DA1107-RM-4-G
Replacement battery pack part code:	**DA1007-IN-BATT**	**DA1007-EX-BATT**	**DA1007-RM-BATT**
Battery maintained 10Ah			
1 x 30W PoE+ injector	DA1010-IN-1	DA1010-EX-1	-
2 x 30W PoE+ injector	DA1010-IN-2	DA1010-EX-2	-
4 x 30W PoE+ injector	DA1010-IN-4	DA1010-EX-4	DA1010-RM-4
8 x 30W PoE+ injector	-	-	DA1010-RM-8
1 x 30W Gigabit PoE+ injector	DA1010-IN-1-G	DA1010-EX-1-G	-
2 x 30W Gigabit PoE+ injector	DA1010-IN-2-G	DA1010-EX-2-G	-
4 x 30W Gigabit PoE+ injector	DA1010-IN-4-G	DA1010-EX-4-G	DA1010-RM-4-G
8 x 30W Gigabit PoE+ injector	-	-	DA1010-RM-8-G
1 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1110-IN-1-G	DA1110-EX-1-G	-
2 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1110-IN-2-G	DA1110-EX-2-G	-
4 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1110-IN-4-G	DA1110-EX-4-G	DA1110-RM-4-G
Replacement battery pack part code:	**DA1010-IN-BATT**	**DA1010-EX-BATT**	**DA1010-RM-BATT**

Product selection

1. Select product mounting type:

   - *Indoor wall mounting* = *"IN"*
   - *Exterior wall mounting* = *"EX"*
   - *19" rack mounting* = *"RM"*

2. Select number of 30W PoE ports required

3. If battery standby is required, simply select the appropriate battery pack capacity from the table.
   (Use the power ratings for your PoE load devices to determine your total system load requirement.)

Estimated system standby times

	Battery capacity		
Output load	1.2Ah	7Ah	10Ah
5W	9 Hours	65 Hours	100 Hours
12W	4 Hours	30 Hours	44 Hours
25W	1.75 Hours	14.5 Hours	20 Hours
50W	40 Minutes	6.5 Hours	9.5 Hours
75W	23 Minutes	4 Hours	6 Hours
100W	14 Minutes	2.75 Hours	4 Hours

YUASA BATTERY