

D18XX-series

35w Mid-Span PoE Power Supplies



The Dycon D18XX-series provides a simple way of powering a wide range of IP network peripherals, eliminating the need for individual, localized power supply units. The range provides true 'plug-&-play' connectivity – no programming is required making this the ideal, economical way to mix different applications, such as CCTV, access control and EPOS in a single power source. As well as providing a full mid-span 35W per channel output, the Dycon D18XX-series can dramatically simplify installation cabling with subsequent reductions in installation or repositioning costs by utilizing existing network data cables instead of having to provide separate power feeds. Supplied in a 19" rack 2U housing, the D18XX-series fits easily into existing control equipment or IP networks. As the units use Dycon's advanced switched-mode technology, they generate such little heat that they do not require noisy cooling fans and these silent-running units can be mounted in such noise sensitive areas as control rooms. Dycon's advanced switched-mode technology is a market leader in lowering the electricity consumption of connected systems, making the D18XX-series an important component in reducing both users' electricity costs and carbon footprints



DYCON
power solutions

www.dyconpower.com

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Specifications

Voltage Input	230Vac +10% -15%; 50Hz \pm 15%
Inputs	10.100 Base-T / 580 watts maximum @ 230Vac, 50Hz/49Hz to 61Hz AC input/input 207Vac to 253Vac
Outputs	35 watts per port @ 52Vdc to 56Vdc / < 0.6V noise and ripple/ negative output on 7/8 wire pair / 0V output on 4/5 wire pair
Indicators	Yellow LEDs on RJ45 power jacks = power available / Green LEDs on RJ45 power jacks = power on / Neon AC indicator on switched IEC socket
Mounting	19" rack-mounting (optional desk-mounting feet supplied)
Fuse rating	Time delay T6.3A 20mm fuse, 250V
Operating Temperature Range	-10°C to +40°C
Humidity	95% non-condensing
IEEEE Compliance	IEEE802.3at compliant – IEEE802.3af backwards compatible
Other Compliance	CE and RoHS

Product Descriptions	Part No.	Max Power Available	Max input current
4-Port PoE 35W power supply in a 19" 2U rack	D1804	140 watts	0.65A
8-Port PoE 35W power supply in a 19" 2U rack	D1808	280 watts	1.3A
12-Port PoE 35W power supply in a 19" 2U rack	D1812	420 watts	1.95A
16-Port PoE 35W Power supply in a 19" 2U rack	D1816	560 watts	2.6A

Dycon Power Solutions Ltd

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For more information about the Dycon range of power products:

www.dyconpower.com

Or to discuss your specific needs:

+44 (0)1443 471 900

Dycon leads the security and associated power supply markets, with UK design and manufacture of advanced power products; engineered to provide high quality, cost-effective solutions to meet current regulations and the specific needs of system integrators and end-users.

Designed and manufactured in the UK