



## PLAN-200.18

DiREX-Pro • HomePlug AV 200

[www.mybwa.com/en](http://www.mybwa.com/en)



**200Mbps**  
HomePlug

### Smart power supply for secure data streaming

The power supply unit PLAN-200.18 provides up to 18W output power and is a perfect companion for our **DiREX-Pro** DVRs – particularly useful when a radio connection is not possible or not desirable. The device supports TR-069. This protocol regulates communication between end devices and control servers. TR-069 makes it possible to configure and monitor entire PowerLAN networks.

The "Encryption Button" makes it yet easier and more convenient to configure a PowerLAN network. With a single push of a button, it is possible to enable individualised data encryption. No additional software configuration necessary – convenient and simple, from the very start.

### Main Features

- Power adapter and HomePlug AV adapter in a single, compact unit – just one wall socket needed
- HomePlug AV adapter with transfer rates of up to 200 Mbps
- TR-069 – remote configuration and monitoring for P-LAN networks
- Quality Indicator LED for determining broadband status
- Quality of Service (QoS) – guarantees transmission quality by automatically prioritising data
- 1 Ethernet port Auto MDI/X
- Range: 200 m over electrical wiring
- Secure data encryption
- Patented power save mode. Automatically uses up to 30% less power in standby mode.

- PSU with PowerLAN
- CCTV via electricity grids
- Up to 200 Mbps
- Encryption without software setup

### Technical Data

#### General

##### Standards

Protocols  
Transmission speed  
Transmission method  
Modulation  
Range  
Security

Adapter for electrical power network  
Transmission frequency range: 2 MHz - 30 MHz  
Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, HomePlug AV  
CSMA/CA  
up to 200 Mbps (gross)  
asynchronous  
OFDM-1155 carriers, 1024/256/64-QAM, QPSK, BPSK  
up to 200 m  
128 bit AES encryption at the touch of a button

#### QoS

Analysis and classification of data traffic via:  
VLAN Tag Priority IEEE 802.1p  
Type of Service (ToS)  
IGMP Snooping  
Traffic type (unicast/multicast/broadcast)  
Differentiated Services (DSCP)

#### Indicators and ports

##### LEDs

Power / Power-Save  
Ethernet (Link/Act)  
PowerLAN (Link/Act/Quality)  
C8, EURO mains plug  
RJ45, 10/100 Mbit/s, Auto MDI/X

PowerLAN port  
LAN port

#### Internal power supply

Total power consumption  
Power output  
Power supply

30 W  
DC 12V / 1,5A (18W)  
AC 200-230V 50/60Hz

#### Dimensions, weight

65 x 42 x 135 mm (WxDxH), 430 g

#### Ambient conditions

##### Temperature

Storage -25°C – +70°C  
Operation -20°C – +40°C

##### Humidity

10–90% humidity (non-condensing)

#### Approvals

CE-compliant in all EU countries and Switzerland:  
EN 55022 Class B, EN 50412, EN 60950