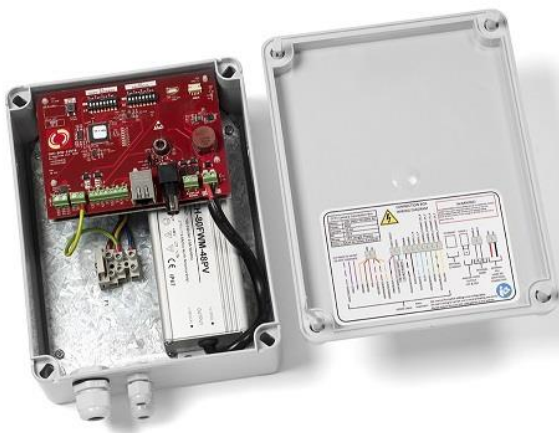


## Overview Product Datasheet DS104

### Standard Control Box - sCB

Weatherproof enclosure with PSU and termination PCBA for power and communications cables. Includes setup switches and surge protection. Designed for use with all models of Hydra Uno.



#### Key features

- IK08 rated ABS enclosure
- IP66 environmental rating
- 4 cable entry glands
- 100 to 277vac, 50 to 60Hz input
- 48vdc output for Hydra Uno
- Built in lightning protection
- ABS mounting brackets

#### Description

The Standard Control Box - sCB, has been designed specifically for use with the Hydra Uno. It is connected to Hydra with an Umbilical Cable, available in a variety of lengths as an accessory. The sCB provides power and communications to the Hydra Uno and includes a power supply module and a termination PCBA. The PCBA has screw terminal connectors for the umbilical cable, power and communications. In addition, the PCBA has setup switches for basic configuration such as address, protocol and inverted or upright installation. There is an RJ45 socket for the network connection and a BNC for SD video. Provision for limited lightning protection is also included. The sCB has an environmental protection rating of IP66 and an impact resistance rating of IK08. Manufactured from self-coloured ABS plastic and supplied with 4 external mounting brackets and 4 cable glands; it can be installed both outside and indoors. With a small footprint it facilitates easy installation in the base of columns and cabinets.

## Technical Summary – Standard Control Box sCB

### Mechanical Features

Product	Standard Control Box
Ingres protection	IP66 (To BS EN 60529)
Box construction	ABS
Box finish	Self-colour RAL7035
Weight	2.06Kg
Dimensions L x W x H	225mm x 174mm x 90mm
Mounting	4 brackets ABS external
Maximum operating temperature	60°C continuous
Minimum operating temperature	-20°C non-icing
Impact resistance	Tested to EN62262 – IK08

### Electrical Features

Product	Standard Control Box
Input voltage	100 to 277 VAC, 50 to 60 Hz
Output Voltage	48 VDC +/- 3%
Fuses	Internal PSU Protection
Input Power	110 Watts Maximum
Surge Protection	Built-in with limited lightning protection
EMC	BS EN 55022 Class B
Washer motor control	Not available
Auxiliary Relay	Not available
Tamper switch	Not available
User Digital Inputs	Not available
Washer Test Button	Not available
Reset button	Internal switch for commissioning and re-programming.

### Associated Equipment

Model number	Description
OVU00256	Hydra Uno HD-IP 30x with wiper and LED lights
OVU00254	Hydra Uno HD-IP 30x with wiper
OVU00255	Hydra Uno SD 18x with wiper and LED lights
OVU00253	Hydra Uno SD 18x with wiper
OVU10000	Hydra Uno SD 40x with wiper and LED lights
OVU00259	2.5M Umbilical cable plug at one end only
OVU00260	5M Umbilical cable plug at one end only
OVU00261	7.5M Umbilical cable plug at one end only
OVU00262	10M Umbilical cable plug at one end only

Note: Data sheet may change without notice.