



IPS boxed SOLUTION

- **Convenience:** pre-wired for rapid installation
- **Flexibility:** plug and play with a variety of modules
- **Simplicity:** no software or computer required

Secure and easy access control



WHO SHOULD USE THE IPS BOXED SOLUTION?

The solution is great for installers looking for a simple and efficient installation, without compromising on security.

The system is ideal for both small and large installations – whether a single box, or multiple boxes in a bank arrangement.

PRODUCT BENEFITS:

- Integrated power supply, tamper protection and earthing
- Powder coated metal housing with breakout for a lock
- Embedded software configurable through the web
- Plug and play simplicity

The IPS boxed solution is aimed at providing increased convenience for installers, as the metal housing is pre-configured and wired with the relevant controller and modules.

The unit uses true plug-and-play hardware which enables modules to be quickly clipped into each other, for instant power and comms connection.

Flexibility

The metal housing can accommodate a controller and up to four modules, including a mix of modules. There are also numerous cable entry options from punch-outs to quick-click glands, for maximum installation flexibility.

Security

The IPS boxed solution is supplied in a strong, durable powder-coated metal enclosure, with the option to add a panel lock for increased security. Tamper protection is also included as standard, adding up to a robust and secure solution.

Power supply

The unit ships with a high-end Meanwell switch mode power supply which can cope with a wide range of input voltages.

The housing includes adequate space for you to add a 7AH battery for backup power.

Software

The access control software is embedded in the cluster controller, at no additional cost. The software can be accessed and configured through a secure web page, or through the optional LCD touch-screen version.

Variants available

The unit is compatible with all Impro reader modules (Wiegand, Antenna, S-Series and IO), and mixes thereof.

Specifications

IPS BOXED SOLUTIONS

Model name	Wiegand/Antenna Cluster in IPS housing		IO8/S-Series Cluster in IPS Housing	
Part number(s)	Wiegand (HCW93x); Antenna (HCL93x)		IO8 (HCO93x); S-Series (HCS93x)	
Product description	Wiegand/Antenna Module + Controller in IPS Housing		IO8/S-Series Module + Controller in IPS Housing	
Colour	Black			
Dimensions (d-w-h)	8.2cm x 38.3cm x 31.3cm [3.22" x 15.1" x 12.3"]			
Approximate product weight	5.45kg [12lb]			
Material	Powder-coated metal box			
Electrical specifications				
Input voltage	90 - 240V AC		88 - 132V AC or 176 - 264V AC (manually switched)	
Mains frequency	50/60Hz		N/A	
Output voltage	13.8 ± 0.3V DC			
Max continuous output current	5A		10A	
Power output rating	75W		150W	
Power input protection	Reverse polarity on DC power inputs, over-voltage & over-current protection provided			
General				
Anti-tamper Protection	Monitored micro-switch on IPS box lid			
Battery connection	Space for 12V 7Ah battery in box, with connection to battery charging circuit			
Module capacity	Cluster controller + 4 cluster modules			
Environmental specifications				
Operating temperature	-25°C to +60°C [-13°F to 140°F]			
Storage temperature	-40°C to +80°C [-40°F to 176°F]			
Operating humidity	0 to 95% relative humidity at 40°C(104°F) non-condensing			
Environmental rating	designed to work indoor (dry) environment similar to IP20			
Drop Endurance	1m [3.28 ft.] drop (in packaging)			
Certifications				
CE (EU)	✓		✓	
SABS (RSA)	✓		✓	
RoHS	✓		✓	



Impro Technologies
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in the access control industry

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