



EU Declaration of Conformity



This Declaration of Conformity is issued under the sole responsibility of the manufacturer,
 Application Solutions (Safety and Security) Ltd

Product Name	Product Description	ASL Part No
V2000	V2000 Modular Power Amplifier Mainframe	A0623000
Including the following modules:		
Product Name	Product Description	ASL Part No
D500	D500 Amplifier Module (up to 500W power)	A0623500
D150	D150 Amplifier Module (up to 150W power)	A0623515
LSZDC	LSZDC Line Surveillance Interface Module	A0623501
V2000-STBY	V2000 Standby Interface Module	A0623502

The component items described above are in conformity with Directives 2011/65/EU & 2015/863/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), and are in conformity with the provisions of the following EU Directives:

Low Voltage Directive (LVD) 2014/35/EU

Electromagnetic Compatibility Directive (EMC) 2014/30/EU

by application of the referenced harmonised standards and provisions to which the product conforms:

No	Characteristic	Performance declaration			Standard Title
		Standard	Version	Class	
01	LVD Compliance	EN 62368-1	:2014 + AC:2015	I	Audio/video, information and communication technology equipment – Part 1: Safety requirements
02	EMC Compliance	EN 50121-4	:2016		Railway applications - Electromagnetic compatibility - Part 4. Emission and immunity of the signalling and telecommunications apparatus
03	EMC Compliance	EN 50130-4	:2011		Alarm systems. Electromagnetic compatibility. Product family standard. Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems
04	EMC Compliance	EN 55032	:2012 + AC:2013	B	Electromagnetic compatibility of multimedia equipment - Emission requirements
05	EMC Compliance	EN 61000-6-2	:2005 + AC:2005		Electromagnetic compatibility (EMC) Part 6-2: Generic standards - Immunity for industrial environments
06	EMC Compliance	EN 61000-6-3	:2007 + A1:2011 + AC:2012		Electromagnetic compatibility (EMC)- Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments
07	EMC Compliance	EN 61000-6-4	:2007 + A1:2011		Electromagnetic compatibility (EMC) Part 6-4: Generic standards - Emission standard for industrial environments

In addition, this equipment has been tested and conforms to the following standards:

No	Characteristic	Standard	Version	Class	Standard Title
08	EMC Compliance	EN 55103-1	:2009 + A1:2012	E5	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 1. Emissions
09	EMC Compliance	ENV 50204	:1995	See Note	Radiated electromagnetic field from digital radio telephones. Immunity test

Note: Test frequencies and levels are 380-420MHz at 20V/m, pulse modulated at 17Hz, and 900MHz, 1.8GHz and 2.4GHz at 30V/m, pulse modulated at 200Hz



IMPORTANT NOTE:

As the above products comprise professional equipment with overall rated power greater than 1kW, they are not subject to the requirements of the Harmonised Standard for EMC Compliance: EN 61000-3-2 (Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).

Signed for and on behalf of: Application Solutions (Safety and Security) Ltd

Peter Stewart
Technical Director

A handwritten signature in blue ink, appearing to read 'P. Stewart', written over a dotted line.

Date: 18 December 2020