



Applus+ Certified Product

LGAI Technological Center S.A. (APPLUS), certifies that the product:

APPLICANT

Detnov Security, S.L.

C/ De la Ciència, 30
08840 Viladecans (Barcelona) Spain

Produced in the manufacturing plant

C/ De la Ciència, 30
08840 Viladecans (Barcelona) Spain

PRODUCT

CAD-151 SYSTEM

Brand: Detnov

APPLICABLE REGULATION

EN 54-13:2005, EN 54-13:2017+A1:2019 "Fire detection and fire alarm systems.
Part 13: compatibility assessment of system components"

LGAI has performed the product initial tests, the initial assessment of the production process and management system. Periodically, the entity does follow-up by testing samples from production and assessment of the production process and management system.

This document is not valid without its technical annex; whose number coincides with that of the certificate.

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Managing Director
Conformity Assessment

Applus+
certification

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of this certificate

Certificate

Technical Annex

Fire panels					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable Control Panel 2 Loops	DETNOV	CAD-151-2	1	54-2 54-4	CAD_151_GUI_v0
Addressable fire alarm control panel with 1 loop	DETNOV	CAD-151-1	1	54-2 54-4	CAD_151_GUI_v0
Addressable fire alarm control panel with 1 loop	DETNOV	CAD-151-1 MINI	1	54-2 54-4	CAD_151_GUI_v0
Addressable Control Panel 2 Loops	DETNOV	CAD-151-2 (R)	2	54-2 54-4	CAD_151_GUI_v0
Addressable Control Panel 1 Loops	DETNOV	CAD-151-1 (R)	2	54-2 54-4	CAD_151_GUI_v0
Addressable Control Panel 1 Loops	DETNOV	CAD-151-1-MINI (R)	2	54-2 54-4	CAD_151_GUI_v0
Conventional fire alarm control panel for 2 zones	DETNOV	CCD-102	1	54-2 54-4	CNV_02Z_V2
Extinguishing control panel for 1 risk with 3 detection zones	DETNOV	CCD-103	1	54-2 54-4 EN12094-1	CNV_03Z_V1
Conventional fire alarm control panel for 4 zone	DETNOV	CCD-104	1	54-2 54-4	CNV_04Z_V2
Conventional fire alarm control panel for 8 zones	DETNOV	CCD-108	1	54-2 54-4	CNV_08Z_V2
Conventional fire alarm control panel for 12 zones	DETNOV	CCD-112	1	54-2 54-4	CNV_12Z_V2
Addressable fire alarm control panel with 1 loop	DETNOV	CAD-150-1	1	54-2 54-4	CAD_151_v3
Addressable fire alarm control panel with 1 loop	DETNOV	CAD-150-1-MINI	1	54-2 54-4	CAD_151_v3
Addressable fire alarm control panel with 2 loops	DETNOV	CAD-150-2	1	54-2 54-4	CAD_151_v3
2-loop addressable control panel with metal box	DETNOV	CAD-150-2-MB	1	54-2 54-4	CAD_158_v3
2-loop addressable control panel with printer and metal box	DETNOV	CAD-150-2-MB-P	1	54-2 54-4	CAD_158_v3
4-loop addressable control panel	DETNOV	CAD-150-4	1	54-2 54-4	CAD_158_v3
4-loop addressable control panel with printer built-in	DETNOV	CAD-150-4-P	1	54-2 54-4	CAD_158_v3
4-loop addressable control panel rack	DETNOV	CAD-150-4-RACK	1	54-2 54-4	CAD_158_v3
4-loop addressable control panel expandable up to 8 loops	DETNOV	CAD-150-8	1	54-2 54-4	CAD_158_v3
4-loop addressable control panel expandable up to 8 loops with printer built-in	DETNOV	CAD-150-8-P	1	54-2 54-4	CAD_158_v3
4-loop addressable control panel expandable up to 8 loops	DETNOV	CAD-150-8-PLUS	1	54-2 54-4	CAD_158_v3
4-loop addressable control panel expandable up to 8 loops with printer built-in	DETNOV	CAD-150-8-PLUS-P	1	54-2 54-4	CAD_158_v3

Communication cards					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Communication card	DETNOV	TMB-251 CAN	2	---	---
Multipropose communication card	DETNOV	TED-151-CAN-1PE	2	---	---
Multipropose communication card	DETNOV	TED-151-CAN-2PE	2	---	---
TCP/IP communication card	DETNOV	TED-151-CAN-CL	2	---	---
Addressable loop gateway card	DETNOV	TPLD-100	2	---	---
kit communication	DETNOV	Kit FB2-D	1	54-21	V8.7
Communication card for addressable control panels serie CAD-150	DETNOV	TMB-251-LT	2	---	---
Repeaters					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Bidirectional repeater for Detnov addressable CAD-150 series	DETNOV	CAD-150-R-LT	2	None	CAD_151_v3
Addressable detectors					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable heat detector	DETNOV	DTD-210A	1	54-5	HEAT_V1.2_B
Addressable heat detector (black)	DETNOV	DTD-210A-B	1	54-5	HEAT_V1.2_B
Addressable high temperature detector	DETNOV	DTD-215A	1	54-5	HIGH_HEAT_V1.2_B
Addressable high temperature detector (black)	DETNOV	DTD-215A-B	1	54-5	HIGH_HEAT_V1.2_B
Addressable optical smoke detector	DETNOV	DOD-220A	1	54-7	OPTO_V1.5_B
Addressable optical smoke detector with isolator	DETNOV	DOD-220A-B	1	54-7	OPTO_V1.5_B
Addressable optical & heat detector	DETNOV	DOTD-230A	1	54-5 54-7	OPTO_HEAT_V1.5_B
Addressable optical & heat detector (black)	DETNOV	DOTD-230A-B	1	54-5 54-7	OPTO_HEAT_V1.5_B
Addressable heat detector with isolator	DETNOV	DTD-210A-I	1	54-5 54-17	HEAT_ISO_V1
Addressable heat detector with isolator	DETNOV	DTD-215A-I	1	54-5 54-17	HIGH_HEAT_ISO_V1
Addressable optical smoke detector with isolator	DETNOV	DOD-220A-I	1	54-7 54-17	OPT_ISO_V1
Addressable dual optical/heat detector with isolator	DETNOV	DOTD-230A-I	1	54-5 54-7 54-17	OPT_HEAT_ISO_V1
Addressable optical smoke detector	DETNOV	DOD-320A	1	54-7	1.0
Addressable optical smoke detector(black)	DETNOV	DOD-320A-B	1	54-7	1.0
Conventional detectors					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Conventional heat detector	DETNOV	DTD-210	1	54-5	NA
Conventional heat detector (black color)	DETNOV	DTD-210-B	1	54-5	NA
Conventional high temperature detector	DETNOV	DTD-215	1	54-5	NA

Conventional high temperature detector (black)	DETNOV	DTD-215-B	1	54-5	NA
Conventional optical smoke detector	DETNOV	DOD-220	1	54-7	NA
Conventional optical smoke detector (black)	DETNOV	DOD-220-B	1	54-7	NA
Conventional optical and heat detector	DETNOV	DOTD-230	1	54-5 54-7	NA
Conventional optical and heat detector (black)	DETNOV	DOTD-230-B	1	54-5 54-7	NA
Gas detectors					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Natural gas detector for residential use	DETNOV	DGD-600	2	---	DGD-600-v16
Liquefied petroleum gases (butane and propane) detector	DETNOV	DGD-620	2	---	DGD-600-v16
Natural gas detector for residential use	DETNOV	DGD-600-AC	2	---	DGD-600-v16
Liquefied petroleum gases (butane and propane) detector	DETNOV	DGD-620-AC	2	---	DGD-600-v16
Addressable manual call points					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable manual call point	DETNOV	MAD-450	1	54-11	MCP_V1.2
Addressable manual call point with isolator	DETNOV	MAD-450-I	1	54-11 54-17	MCP_ISO_V1
Addressable manual call point with isolator	DETNOV	MAD-451-I	1	54-11 54-17	MAD-451-I_V1
Addressable modules					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable module 1 technical input	DETNOV	MAD-401	1	54-18	ONE_INPUT_V23
Addressable module 2 technical inputs	DETNOV	MAD-402	1	54-18	TWO_INPUT_V23
Addressable module 1 relay output	DETNOV	MAD-411	1	54-18	ONE_OUTPUT_V22
Addressable module 2 relay outputs	DETNOV	MAD-412	1	54-18	TWO_OUTPUT_V22
Addressable module 1 technical input and 1 relay output	DETNOV	MAD-421	1	54-18	INPUT_OUTPUT_V23
Addressable module 2 technical inputs and 2 relay outputs	DETNOV	MAD-422	1	54-18	TWO_INPUT_TWO_OUTPUT_V23
Addressable module 1 monitored 24V output	DETNOV	MAD-431	1	54-18	ONE_SOUNDER_V1.2
Addressable module 2 monitored 24V outputs	DETNOV	MAD-432	1	54-18	TWO_SOUNDER_V1.2
Addressable module 1 conventional zone	DETNOV	MAD-441	1	54-18	ONE_ZONE_V1.2
Addressable module 2 conventional zones	DETNOV	MAD-442	1	54-18	TWO_ZONE_V1.2
Addressable module with isolator 1 technical input	DETNOV	MAD-401-I	1	54-17 54-18	ONE_INPUT_ISO_V23
Addressable module with isolator of 2 supervised inputs	DETNOV	MAD-402-I	1	54-17 54-18	TWO_INPUT_ISO_V23
Addressable module with built-in isolator 1 relay output	DETNOV	MAD-411-I	1	54-17 54-18	ONE_OUTPUT_ISO_V22
Addressable module with isolator of 2 relay outputs	DETNOV	MAD-412-I	1	54-17 54-18	TWO_OUTPUT_ISO_V22

Addressable module with built-in isolator 1 technical input and 1 relay output	DETNOV	MAD-421-I	1	54-17 54-18	INPUT_OUTPUT _ISO_V23
Addressable module with isolator of 2 supervised inputs and 2 relay outputs	DETNOV	MAD-422-I	1	54-17 54-18	TWO_INPUT_TW O_OUTPUT_ ISO_V23
Addressable module with built-in isolator 1 monitored 24V output	DETNOV	MAD-431-I	1	54-17 54-18	ONE_SOUNDER_ ISO_V1.50
Addressable module with built-in isolator 2 monitored 24V outputs	DETNOV	MAD-432-I	1	54-17 54-18	TWO_SOUNDER _ISO_V1.50
Addressable module with built-in isolator 1 conventional zone	DETNOV	MAD-441-I	1	54-17 54-18	ONE_ZONE_ISO _V1
Addressable module with isolator of 2 conventional zones	DETNOV	MAD-442-I	1	54-17 54-18	TWO_ZONE_ISO _V1.50
Addressable module with isolator	DETNOV	MAD-490	1	54-17	NA
Addressable module with isolator of 5 supervised inputs	DETNOV	MAD-405-I	1	54-17 54-18	MOD10ES_V15
Addressable module with isolator of 10 supervised inputs	DETNOV	MAD-409-I	1	54-17 54-18	MOD10ES_V15
Addressable module with isolator of 5 relay outputs	DETNOV	MAD-415-I	1	54-17 54-18	MOD10ES_V15
Addressable module with isolator of 10 relay outputs	DETNOV	MAD-419-I	1	54-17 54-18	MOD10ES_V15
Addressable module with isolator of 5 supervised inputs and 5 relay outputs	DETNOV	MAD-425-I	1	54-17 54-18	MOD10ES_V15
Addressable module with built-in isolator 10 relay outputs	DETNOV	MAD-429-I	1	54-17 54-18	MOD10ES_V15
Addressable sounders and beacons					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable loop sounder with isolator	DETNOV	MAD-461-I	1	54-3	SOUNDER_FLAS H_ISO_V1.9
Addressable loop sounder with isolator	DETNOV	MAD-464-I	1	54-3 54-17	SOUNDER_FLAS H_ISO_V1
Addressable loop sounder with beacon and isolator	DETNOV	MAD-465-I	1	54-3 54-17	SOUNDER_FLAS H_ISO_V1
Addressable loop sounder with isolator (white color)	DETNOV	MAD-464-I-W	1	54-3 54-17	SOUNDER_FLAS H_ISO_V1.9
Addressable loop sounder with beacon and isolator (white color)	DETNOV	MAD-465-I-W	1	54-3 54-17	SOUNDER_FLAS H_ISO_V1.9
Addressable sounder base	DETNOV	MAD-472	1	54-3	SOUNDER_FLAS H_V2
Addressable sounder base with beacon	DETNOV	MAD-473	1	54-3	SOUNDER_FLAS H_V2
Addressable loop sounder with isolator	DETNOV	MAD-564-I	1	54-3 54-17	MAD-56X-I_v18
Addressable loop sounder with isolator (white color)	DETNOV	MAD-564-I-W	1	54-3 54-17	MAD-56X-I_v18
Addressable loop sounder and flash with isolator	DETNOV	MAD-565-I	1	54-3 54-17 54-23	MAD-56X-I_v18
Addressable loop sounder with VAD and isolator	DETNOV	MAD-565-I-W	1	54-3 54-17 54-23	MAD-56X-I_v18
Base addressable sounder with isolator	DETNOV	MAD-567-I	1	54-3 54-17	MAD-56X-I_v18

Base addressable sounder with VAD and isolator	DETNOV	MAD-569-I	1	54-3 54-17 54-23	MAD-56X-I_v18
Conventional Manual call point					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Manual call point	DETNOV	PCD-100	1	54-11	NA
Manual call point	DETNOV	PCD-200	1	54-11	NA
Indicator					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Remote indicator	DETNOV	PAD-10	2	None	---
Remote indicator	DETNOV	PAD-20	2	None	---
Addressable remote indicator with isolator	DETNOV	PAD-10A-I	2	None	---
External Power Supply					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Expansion kit for external power supply'	DETNOV	FADAUX-BAT	2	---	---
External power supply	ELMDENE	2405ST-E	1	EN 54-4	PRG100042_01K
Power Supply	ELMDENE	STX2405E	1	EN 54-4	PRG100041_01B
Intelligent Switch Mode Power Supply	ELMDENE	STX2410E	1	EN 54-4	PRG100033_010
Power Supply	ELMDENE	STX2410H	1	EN 54-4	PRG100033_010
Power Supply	VENITEM	TUL500 EN	1	EN 54-4 EN 12101	SW-AL-SCA2-00-07
Smoke barrier					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable barrier with isolator	DETNOV	DBD-70A	1	54-17 54-12	beam_module_v04
Bases					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Connection detector base	DETNOV	Z-200	2	---	---
Deep connection detector base	DETNOV	Z-200-H	2	---	---
Connection detector base (Black color)	DETNOV	Z-200-B	2	---	---
Deep connection detector base (Black color)	DETNOV	Z-200-H-B	2	---	---
Supplementary information:					
Notes:					
(1) All firmware versions in this document are according to customer declaration.					
(2) Customer declares equipment as type 1 or type 2 in their documentation.					