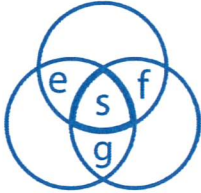




Member of



Certificate of Conformity with European standards for Components and Systems

Number of Certificate

Valid from
dd-mm-yyyy

Valid until
dd-mm-yyyy

EN-ST-000189

09-11-2020

06-10-2022

Subject matter of Certificate:

**Intruder control and indicating equipment grade 3
ATS3500A-MM / ATS3500A-IP-MM**

Owner of Certificate:

**Carrier Fire & Security B.V.
Kelvinstraat, 7
NL-6003 DH WEERT
NIEDERLANDE**

Basis for certification:

**EN 50131-3:2009
EN 50131-6:2017
EN 50136-2:2013
SES-EMA-RL-T2:2018-06**

Use, the product disposes of the following parameters:

Intrusion and hold-up systems, Grade 3

The tests were carried out at VdS Schadenverhütung GmbH
and the results are documented in **test report**:

**200768-AU01+STE02-PB01 dated 09.11.2020
171863-AU02+STE01-PB01 dated 28.01.2019
151088-AU05+STE01-PB01 dated 31.03.2016
140058-AU01+STE07-PB01 dated 26.01.2015
140058-AU01+STE02-PB01 dated 07.10.2014**

To guarantee the permanent quality of products a regular surveillance of the manufacturing process is performed.

This certificate comprises **11** pages and shall only be reproduced without any modifications and including all enclosures.

VdS Schadenverhütung GmbH
Certification Body
Amsterdamer Str. 174
D-50735 Köln

A company of the German
Insurance Association (GDV)
accredited by DAKkS as certifica-
tion body for fire protection and
security products



Date: 09-11-2020

Managing director

Head of certification body



Enclosure 1

Sheet 1

To Certificate No.: EN-ST-000189

Date : 29-01-2020

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
Intruder control and indicating equipment (I-CIE) with integrated power supply with software version MR_4.x consisting of: - Metal enclosure - Transformer - Lead accumulator - Back-Tamper - Eight-Zone Expansion Module - Four-Relay Expander - 16-Output Expander - LCD Control panel or - LCD Control panel or - LCD Control panel or - LCD Control panel - Fuse Board - GSM Module - PSTN Module	ATS3500A-MM ATS608 ATS624 ATS626 ATS1110A-N ATS1115A-N ATS1135 ATS1136 ATS1840 ATS7310 / 7320 ATS7700		
Intruder control and indicating equipment (I-CIE) with integrated power supply and transmission equipment with software version MR_4.x consisting of: - Metal enclosure - Transformer	ATS3500A-IP-MM		



Enclosure 1

To Certificate No.: EN-ST-000189

Date : 29-01-2020

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
- Lead accumulator			
- Back-Tamper			
- Eight-Zone Expansion Module	ATS608		
- Four-Relay Expander	ATS624		
- 16-Output Expander	ATS626		
- LCD Control panel or	ATS1110A-N		
- LCD Control panel or	ATS1115A-N		
- LCD Control panel or	ATS1135		
- LCD Control panel	ATS1136		
- Fuse Board	ATS1840		
- GSM Module	ATS7310 / 7320		
- PSTN Module	ATS7700		
Options:			
- Alarm Transmission Path	UltraSync		



Enclosure 2

Sheet 1

To Certificate No.: EN-ST-000189

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
ATS3500A(-IP)-MM/LP			
- Installation and Programming Manual	P/N 466-2579 (DE) • REV E • ISS	24.01.2019	454
- Advisor Advanced ATsx500A Installation Sheet	P/N 466-5570 (EN) • REV A • ISS	27.10.2020	16
- UltraSync – Reference Manual	P/N 466-2918-DE • REV B • ISS	30.05.2018	10
- Label ATS3500A	MISC, LABEL, ATS3500A-MM, MADE IN MEXICO CE WEEE - 422-5324 – Rev. J	29.10.2020	1
- Label ATS3500A-IP	MISC, LABEL, ATS3500A-IP-MM, MADE IN MEXICO CE WEEE – 422-5325 – Rev. K	29.10.2020	1
- Label EN-GRADE 3	MISC, LBL, EN-GRADE 3 CERTIFIED, NA, NA, ROHS – 1070739 Rev. B	04.12.2013	1
- Bill of Material	ATS3500A-MM bom – Rev. A	14.10.2020	16
- Bill of Material	ATS3500A-IP-MM bom – Rev. A	14.10.2020	14
- Bill of Material	ATS3500A-MM	19.04.2017	16
- Bill of Material	ATS3500A-IP-MM	19.04.2017	14
- Circuit diagram ATS3500A	ATS3500A – 52-1000-05 Rev B01	04.03.2015	10
- Circuit diagram ATS3500A-IP	ATS3500A-IP – 52-1000-04 Rev B01	04.03.2015	10
- PCB-Layout	Pcb-55-1000-D01	03.02.2014	4
- ATS3100A(-IP) Grade 3 PCB Schematic	55 – 1000 – Rev. E02	28.09.2020	10
- ATS3100A(-IP) Series Assy Top	57-1000 – Rev. E02	28.09.2020	1
- PCB-Layout	Pcb-55-1000-E01	11.03.2016	4
- Top Assembly	ATS3100A(-IP) Series – 57-1000 Rev D01	28.01.2014	1
- Top Assembly	ATS3100A(-IP) Series – 57-1000 Rev E01	05..03.2015	1
- ATS 1641 LVD BATTERY BULKHEAD	444-4025 – Rev. A	03.06.2020	1
- HOUSING ASSY; MEDIUM METAL ATS1641 LVD	444-4031	13.08.2020	1
- HOUSING; ATS1641 LVD BASE; MEDIUM METAL	444-4032	13.08.2020	2



Enclosure 2

To Certificate No.: EN-ST-000189

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
- HOUSING, ATS1641 LVD COVER, MEDIUM METAL	444-4033	13.08.2020	1
- Technical drawing	BASE CS250 BDWG – 1069250 Rev B	11.02.2016	2
- Technical drawing	Tray Large Poly Housing – 112266999 Rev A	22.12.2009	1
- Technical drawing	SMALL MTL HOUSING ATS BASE – 1068349 Rev C	22.09.2015	1
- Technical drawing	METAL HOUSING COVER ATS1000A – 1068350 Rev A	26.06.2009	1
- Technical drawing	METAL HOUSING ATS 1641 - 1068819	30.07.2009	4
- ATS-MM-TK Pry-off Tamper Kit Installation Sheet	P/N 466-2477 (EN) • Rev A • ISS	05.11.2012	1
- Bill of Material ATS-MM-TK	ATS ADVANCED TAMPER KIT (SBSC) for MEDIUM METAL HOUSING	05.10.2015	1
- Data sheet Back tamper	Cherry Panel Mount Pushbutton - E Series	11.03.2016	3
- ST life.augmented STM32F439xx	Dock ID 023211 Rev. 2	05/2013	102
- MG ELECTRONICS MG-A8827-PT1-A	1060807 Rev. A	20.09.2018	13
- MG ELECTRONICS MG-A8827-PT1-B	22-183 - Rev. D	24.08.2020	14
ATS1110A-N			
ATS111xA-N Arming Station Installation Sheet	P/N 466-2916 (ML) • REV C • ISS	29.01.2020	50
- ATS1110(A)-N/1115(A)-N PCB Schematic	103054999 – Rev. 6A	20.11.2016	6
- ATS1110 / ATS1115 Top Assembly Drawing	2006831 – Rev. 6A	20.11.2017	1
- ATS1110 / ATS1115 Bottom Assembly Drawing	2006831 – Rev. 6A	20.11.2017	1
- GENERAL READ ME ATS1110(A)-N /ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	1
- PCB General Spec Sheet	700 0386 – Rev. 1N	11.07.2014	2

**Enclosure 2**

Sheet 3

To Certificate No.: EN-ST-000189

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
- PCB SPEC´S ATS1110(A)-N / ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	3
- ATS1110 / ATS1115 PCB Drill Drawing	103054999 – Rev. 6A	20.11.2017	3
- ATS1110 / ATS1115 PCB Milling Drawing	103054999 – Rev. 6A	20.11.2017	3
- PCB COORDINATES ATS1110(A)-N / ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	3
- STENCIL SPEC´S ATS1110(A)-N / ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	3
- ATS1110 / ATS1115 Bottom Stencil Drawing	103054999 – Rev. 6A	20.11.2017	1
- STENCIL COORDINATES ATS1110(A)-N / ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	3
- ATS1110 / ATS1115 PCB Top Stencil Drawing	103054999 – Rev. 6A	20.11.2017	1
- ATS1110A-N BOM	Revision A	30.07.2019	7
- MISC, LBL, ATS1110A-N, Made in Mexico, CE, WEE, ROHS	422-5903 – Rev. B	04.02.2020	1
- MISC, LBL, Approvals ATS1110A-N	422-7055 – Rev. A	03.02.2020	1
- ATS111X Base	444-3961 – Rev. A	13.02.2017	1
- Cable entry plug	444-3962 – Rev. A	13.02.2017	1
- MTL Bracket ATS111X, Metal, RoHS	444-3963 – Rev. B	13.09.2017	1
- Tamper breakout part	444-3964 – Rev. A	13.02.2017	1
- SA Door 111W White / Grey	830101327 – Rev. 2	08.01.2009	2
- Cover 111X White / Grey	830112182 – Rev. 2	09.01.2009	2
- LENS 2x16 LCD 111X	858604278 – Rev. 2	08.11.2008	1
- Silicon Keypad Artwork	1369338102 – Rev. 2	13.01.2010	1



Enclosure 2

To Certificate No.: EN-ST-000189

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
ATS1115A-N			
- ATS111xA-N Arming Station Installation Sheet	P/N 466-2916 (ML) • REV C • ISS	29.01.2020	50
- ATS1110(A)-N/1115(A)-N PCB Schematic	103054999 – Rev. 6A	20.11.2016	6
- ATS1110 / ATS1115 Top Assembly Drawing	2006831 – Rev. 6A	20.11.2017	1
- ATS1110 / ATS1115 Bottom Assembly Drawing	2006831 – Rev. 6A	20.11.2017	1
- GENERAL READ ME ATS1110(A)-N /ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	1
- PCB General Spec Sheet	700 0386 – Rev. 1N	11.07.2014	2
- PCB SPEC'S ATS1110(A)-N / ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	3
- ATS1110 / ATS1115 PCB Drill Drawing	103054999 – Rev. 6A	20.11.2017	3
- ATS1110 / ATS1115 PCB Milling Drawing	103054999 – Rev. 6A	20.11.2017	3
- PCB COORDINATES ATS1110(A)-N / ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	3
- STENCIL SPEC'S ATS1110(A)-N / ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	3
- ATS1110 / ATS1115 Bottom Stencil Drawing	103054999 – Rev. 6A	20.11.2017	1
- STENCIL COORDINATES ATS1110(A)-N / ATS1115(A)-N	103054999 – Rev. 6A	20.11.2017	3
- ATS1110 / ATS1115 PCB Top Stencil Drawing	103054999 – Rev. 6A	20.11.2017	1
- ATS1115A-N BOM	Revision A	30.07.2019	7
- MISC, LBL, ATS1115A-N, Made in Mexico, CE, WEE, ROHS	422-5906 – Rev. B	04.02.2020	1
- MISC, LBL, Approvals ATS1115A-N	422-7056 – Rev. A	03.02.2020	1



Enclosure 2

To Certificate No.: EN-ST-000189

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
- ATS111X Base	444-3961 – Rev. A	13.02.2017	1
- Cable entry plug	444-3962 – Rev. A	13.02.2017	1
- MTL Bracket ATS111X, Metal, RoHS	444-3963 – Rev. B	13.09.2017	1
- Tamper breakout part	444-3964 – Rev. A	13.02.2017	1
- SA Door 111W White / Grey	830101327 – Rev. 2	08.01.2009	2
- Cover 111X White / Grey	830112182 – Rev. 2	09.01.2009	2
- LENS 2x16 LCD 111X	858604278 – Rev. 2	08.11.2008	1
- Silicon Keypad Artwork ATS1135	1369338102 – Rev. 2	13.01.2010	1
- ATS1135 Keypad Installation Sheet	P/N 1077842 (ML) • REV F • ISS	09.03.2020	60
- Schematic	T22-DOC-000010-V01	06.06.2011	5
- Assembly – Top ATS315 PCB	T22-DOC-000009-V02	06.06.2011	2
- ATS1135 PCB layers	38-0073	08.02.2012	2
- PCB drills	38-0073 – Rev. A1	08/2013	2
- ATS1135 BOM	Revision A	30.07.2019	6
- Case UTC ATS1135 Keypad ROHS_6	444-3715 – Rev. C	23.12.2013	1
- ATS1135 – Series Assembly Drawings	ATS1135-110 – Rev. A	23.12.2013	4
- Wall Plate	T22-DOC-000004 - V03	24.10.2011	1
- Cover	T22-DOC-000005 - V03	24.10.2011	1
- Keypad – 1	T22-DOC-000006 - V01	22.06.2011	1
- Keypad – 2	T22-DOC-000007 - V01	02.06.2011	1
- Lens	T22-DOC-000008 - V01	02.06.2011	1
- Bobbin-Coil	T22-DOC-000016 - V01	02.06.2011	2
- Lightguide	T22-DOC-000024 - V01	02.06.2011	1
- Label, Unit Serial Number ATS1135, ROHS	LBLUN-ATS1135 – Rev. B	30.01.2020	1
- MISC, LBL, Approvals ATS1135	422-7054 – Rev. A	03.02.2020	1

To Certificate No.: EN-ST-000189

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
ATS1136			
- ATS1136 Keypad Installation Sheet	P/N 466-2937 (ML) • REV E • ISS	09.03.2020	68
- Schematic ATS1136	55-1050-E – Rev. E01	19.04.2018	8
- PCB - ATS1136	55-1050-E-PCB – Rev. E	26.04.2018	25
- Drill Drawing	PCB: 55-1053-B	18.12.2017	12
- ATS1136 BOM	Revision A	30.07.2019	8
- ATS1136 – Series Assembly Drawings	444-3972 – Rev. A	25.09.2017	4
- Wall Plate	T22-DOC-000004 - V03	24.10.2011	1
- Cover	T22-DOC-000005 - V03	24.10.2011	1
- Keypad – 1	T22-DOC-000006 - V01	22.06.2011	1
- Keypad – 2	T22-DOC-000007 - V01	02.06.2011	1
- Lightguide	T22-DOC-000024 - V01	02.06.2011	1
- Label, Unit Serial Number ATS1136, ROHS	LBLUN-ATS1135 – Rev. B	30.01.2020	1
- MISC, LBL, Approvals ATS1136	422-7053 – Rev. A	03.02.2020	1
ATS1840			
- Installation sheet	P/N 1077862 • (ML) • REV A • ISS	17.08.2012	5
- Bill of Material	BOM_ATS1840	15.08.2014	4
- Circuit diagram	ATS1840 FUSEBOARD NFA2P – 1043395	25.10.2002	1
- PCB-Layout	ATS1840 FUSE BOARD PCB DRILL – 1043395	29.05.2003	11
- Top Assembly	ATS1840 FUSE BOARD ASSY TOP – 1043395	29.05.2003	1
ATS7310			
- Installation sheet	P/N 146376999-5 • (ML) • REV F Draft 01 • ISS	13.08.2014	40
- Label ATS7310	Manufacturing Product Engineer 146477999-1C	20.04.2012	1
- Bill of Material (BOM)	BOM_ATS7310_20140813	13.08.2014	9
- Circuit diagram	ATS7310 – 2006755 Rev 1C	07.12.2009	7



Enclosure 2

Sheet 7

To Certificate No.: EN-ST-000189

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
- PCB-Layout	ATS7310_PCB	13.08.2014	4
- Top Assembly	ATS73xx Top Assembly Drawing – 2006755 Rev 1 D	02.07.2009	2
ATS7320			
- Installation sheet	P/N 466-2906-EN • REV A • ISS	29.05.2017	6
- Circuit diagram	52 – 1051 – 01 - Rev. A	22.06.2016	7
- PCB-Layout	55-1051-PCB – Rev. A	22.06.2016	26
- PCB-A01_Panel	55-1051-PCB-A01_Panel	28.01.2019	2
- Bill of Material	ATS7320	28.01.2019	2
ATS7700			
- Installation sheet	P/N 466-2507 (ML) • REV A • ISS	18.04.2014	10
- Label Carton ATS7700	LABEL, CARTON, ATS7700 – 422-5242 Rev A	21.08.2013	1
- Template carton label	TEMPLATE, CARTON LABEL, 2 X 2 INCH GLOBAL, STANDARD (EASY LABEL .FMT FILE) – 99-004 Rev F	10.02.2009	1
- Label template	MISC, LBL, MADE IN MEXICO, CE, WEEE, GS81x-series, ROHS – 422-5199 Rev A	24.06.2013	1
- Bill of Material (BOM)	BOM_ATS7700_20140813	13.08.2014	6
- Circuit diagram	ATS7700 PSTN Expander – 52-1001-01 Rev C01	31.10.2013	2
- PCB-Layout	ATS7310_PCB – 55-1001-D	03.02.2014	2
- Top Assembly	ATS7700 PSTN Expander Assy Top – 57-1001 Rev D01	28.01.2014	1
Other			
- ATS1500A / ATS3500A / ATS4500A Question	RE ATS3500A Questions added ATS4500A to table 16_03_2016	16.03.2016	1



Enclosure 3

Sheet 1

To Certificate No.: EN-ST-000189

Date : 29-01-2020

Instructions for the application of the approval component/system (see enclosure 1):

1. The device complies with Environmental Class II and EN 50131-1:2006 + A1:2009 + A2:2017
2. Transmission line class specification:
 - Alarm Transmission Class PSTN (via ATS7700): EN50136-1:2012 + A1:2018, SP2
 - Alarm Transmission Class GPRS (via ATS7310/ATS7320): EN50136-1:2012 + A1:2018, SP3
 - Alarm Transmission Class GPRS (via ATS7310/ATS7320): EN50136-1:2012 + A1:2018, SP4
 - Alarm Transmission Class IP: EN50136-1:2012 + A1:2018, SP4
 - Alarm Transmission Class IP + GPRS (via ATS7310/ATS7320): EN50136-1:2012 + A1:2018, DP3
3. Alarm Transmission System performance were tested and certified for reporting over IP (LAN) / GPRS to the UltraSync