

EU Declaration of Conformity

EU-Konformitätserklärung

We, **GECMA Components electronic GmbH**, Heinrich- Hertz- Strasse 12, 50170 Kerpen, Germany

declare under our sole responsibility that the **Explorer Panel PCs (Ex) range** listed below, to which this declaration relates, conform with the requirements of the Directives below by compliance with the standards listed.

Wir erklären in alleiniger Verantwortung, dass unsere Produkte auf welches sich diese Erklärung bezieht, den Bestimmungen der folgenden Richtlinien entspricht:

EMC Directive/EMV-Richtlinie - Directive 2014/30/EU relating to Electromagnetic Compatibility.

- a. EN 55022:2010
- b. EN 55024:2010+A1:2011 Class A equipment.

Low Voltage Directive/Niederspannungsrichtlinie - Directive 2014/35/EU relating to Product Safety.

- c. EN 61010-2-201:2013

Compliance with the Low Voltage Directive (LVD) is not required for products covered by the ATEX Directive, however it is included in this declaration as the LVD may apply to these products if they are used in situations not covered by the ATEX Directive.

ATEX Directive/ATEX-Richtlinie - Directive 2014/34/EU relating to equipment and protective systems intended for use in potentially explosive atmospheres.

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| d. EN 60079-0:2012+A11:2013† | i. EN 60079-11:2012† |
| e. EN 60079-5:2007† | j. EN 60079-18:2009† |
| f. EN 60079-5:2007 | k. EN 60079-26:2007† |
| g. EN 60079-7:2007† | l. EN 60079-28:2007† |
| h. EN 60079-7:2007 | |

† Where products were initially assessed for compliance with the Essential Health and Safety Requirements of the Directive using earlier harmonised standards, a subsequent review has determined that compliance is unaffected by the current harmonised standard(s) listed above.

RoHS Directive - Council Directive 2011/65/EU relating to hazardous substances in electrical and electronic equipment

The object of the declaration above is in conformity with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Products covered by this declaration:

Product (See note 10)	Description	EMC ¹ Standards	LVD ¹ Standards	Year LVD Applied	ATEX ¹ Standards	ATEX ² Marking	ATEX Cert. No.
Explorer 15i	Explorer Panel PC, Ex, 15" display	a, b	c	2005	d, g, i, j	3	IBExU 05 ATEX 1186 X
Explorer 18i	Explorer Panel PC, Ex, 18" display	a, b	c	2005	d, g, i, j	3	IBExU 05 ATEX 1186 X
Challenger KBi-PS2	Keyboard	a, b	c	2005	d, i	4	BVS 05 ATEX E 174X & IBExU 06 ATEX 1043 X
Challenger KBi-PS2-B	Keyboard	a, b	c	2005	d, i	4	BVS 05 ATEX E 174X & IBExU 06 ATEX 1043 X
Challenger KMUi-PS2	Keyboard and Mouse unit	a, b	c	2005	d, i	4	BVS 05 ATEX E 174X & IBExU 06 ATEX 1043 X
Challenger KMUi-PS2-B	Keyboard and Mouse unit	a, b	c	2005	d, i	4	BVS 05 ATEX E 174X & IBExU 06 ATEX 1043 X
Challenger Mi-PS2	Mouse	a, b	c	2005	d, i	4	BVS 05 ATEX E 175
Challenger Mi-PS2-B	Mouse	a, b	c	2005	d, i	4	BVS 05 ATEX E 175
Challenger TBi	Trackball	a, b	c	2000	d, i	5	DMT 00 ATEX E 089 X
Challenger TBi-B6	Trackball	a, b	c	2000	d, i	5	DMT 00 ATEX E 089 X
Challenger TBi-B12	Trackball	a, b	c	2000	d, i	5	DMT 00 ATEX E 089 X
Challenger Ji	Joystick	a, b	c	2004	d, i, k	6	TUV 04 ATEX 2459
Challenger Ji-B6	Joystick	a, b	c	2006	d, i, k	6	TUV 04 ATEX 2459
Challenger Ji-B12	Joystick	a, b	c	2006	d, i, k	6	TUV 04 ATEX 2459
Challenger Ji SW	Joystick	a, b	c	2006	d, i, k	6	TUV 04 ATEX 2459
Challenger Ji-B6 SW	Joystick	a, b	c	2006	d, i, k	6	TUV 04 ATEX 2459
Challenger Ji-B12 SW	Joystick	a, b	c	2006	d, i, k	6	TUV 04 ATEX 2459
Challenger TPI	Touch Pad	a, b	c	2004	d, i, k	6	TUV 04 ATEX 2458
Challenger TPI-B6	Touch Pad	a, b	c	2006	d, i, k	6	TUV 04 ATEX 2458
Challenger TPI-B12	Touch Pad	a, b	c	2006	d, i, k	6	TUV 04 ATEX 2458
EFU-1-2-3 (see note 11)	Converter Device	a, b	c	2007	d, e, j, l	7	TUV 07 ATEX 7501 X
#-EFU-NEX-* (see note 12)	Converter Device	a, b	c	2012	N/A	N/A	None
USB-MS	USB Memory Stick	a, b	c	2006	d, i	8	IBExU 06 ATEX 1162 X
Challenger RS232***1i-* (see note 13)	RS232 Interface	a, b	c	2003	d, i	9	DMT 03 ATEX E 032X

Notes:

- 1 Entries in this column may be either letter notation (a,b,c etc..) indicating which standards from page 1 apply, or N/A if the directive does not apply
- 2 Entries in this column refer to notes below indicating ATEX markings present on products, or N/A if the directive does not apply
- 3 ATEX marking  II 2 G Ex e mb [ia] IIC T4 -20°C ≤ Ta ≤ +50°C

- 4 ATEX marking Ex II 1 G Ex ib IIC T4 -20°C ≤ Ta ≤ +60°C or Ex II 2 G Ex ib IIC T4 -30°C ≤ Ta ≤ +70°C
- 5 ATEX marking Ex II 2 G Ex ib IIC T4 Gb -10°C ≤ Ta ≤ +60°C
- 6 ATEX marking Ex II 1 G Ex ia IIB T4 -20°C ≤ Ta ≤ +60°C or Ex II 2 G Ex ia IIC T4 -40°C ≤ Ta ≤ +70°C
- 7 ATEX marking Ex II 2(1) G Ex e q [op is] IIC T4 or Ex II 2(1) G Ex q [op is] IIC T4, and
 Ex II 2 G Ex e q II T4 or Ex II 2 G Ex q II T4, and
 Ex II (1) G [Ex op is T4 Ga] IIC

All markings in Note 8 are -20°C ≤ Ta ≤ +60°C

- 8 ATEX marking Ex II 2 G Ex ia IIC T4 -10°C ≤ Ta ≤ +50°C
- 9 ATEX marking Ex II (2) G [Ex ib] IIC -10°C ≤ Ta ≤ +60°C, Ex II 2 G Ex ib IIC T4 Gb -10°C ≤ Ta ≤ +60°C
- 10 Product numbers may contain suffixes which do not affect the compliance status detailed here
- 11 Where -1 may be EF, UE, UEF or NEX; -2 may be E or C; -3 may be AC, DC24 or DC5
- 12 Where # is Rack Type (R42 or R84) and * is the number of modules in the unit (e.g. 10)
- 13 Where *** is TCS, RSI or EBU, and * is 5V1, 6V8, 8V2 or X

Notified Bodies responsible for issuing Cat 1 or 2 ATEX Certificates:

- 0032 TuV Nord, 30519 Hannover, Germany
0035 TuV Rheinland, 51105 Cologne, Germany
0158 DEKRA EXAM GmbH, 44809 Bochum, Germany
0637 IBExU, 09599 Freiburg, Germany

Notified Body responsible for ATEX QA regimes:

- 0035 TuV Rheinland, 51105 Cologne, Germany