

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

**HM-628PHS**

The product fulfils the essential characteristic:

**See Annex 1**

Intended use: Applications related to automatic fire alarm systems

Placed on the market under the name or trade mark of:

**Shenzhen Heiman Technology Co., Ltd.  
101, No. 4 Dafu Industrial Park  
Kukeng Community, Guanlan Street  
Longhua District, Shenzhen, Guangdong  
China**

Authorized Representative:

**THEMIS AR Unterstützung UG  
Beedstrasse 54  
In Dusseldorf (40468)  
Deutschland**

and produced in the manufacturing plant:

**CPA10060**

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

**EN 14604:2005/AC:2008** : **Smoke alarm devices**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.**

This certificate was first issued on 2022-10-14 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: 2022-10-14.



Merete Poulsen  
Responsible for evaluation



Steen Nilsson  
Responsible for certification decision

The certificate shall be reproduced in extenso  
– extracts only with written permission from DBI Certification A/S.

**DBI Certification A/S**

Jernholmen 12, 2650 Hvidovre  
Tlf.: 36 34 90 90

E-mail: info@dbicertification.dk  
www.dbicertification.dk

 **DANAK**  
Prod. Reg. Nr. 7023

Version 2022-02-08  
Page 1 of 3

Annex 1

**EXTENT**

<b>Type:</b> HM-628PHS Photoelectric Smoke Alarm			
<b>Product Description:</b>			
Type of sensor	Smoke optical using scattered light		
Normal power source	Use 1 x 9V (6F22/6LR61) battery		
Battery services life	6F22 battery: 1 year 6LR61 battery: 5 years		
Backup power source	None		
Mounting method	Ceiling mounting		
Radio link function	No radio link function		
Options with requirements	Individual alarm indicator:	Yes	
	Connection of external ancillary device:	No	
	Inter-connectable smoke alarm device:	No	
	Alarm silence facility:	Yes	
	Smoke alarm device for leisure accommodation vehicles:	No	
<b>Performance:</b>			
Essential characteristics	Clauses in EN 14604:2005+AC:2008	Performance	Notes
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire condition	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20	Pass	1)
Operational reliability	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24	Pass	2), 3), 4)
Tolerance to supply voltage	5.21	Pass	
Durability of operational reliability and response delay, temperature resistance	5.7, 5.8	Pass	
Durability of operational reliability, vibration resistance	5.12, 5.13	Pass	
Durability of operational reliability humidity resistance	5.9	Pass	
Durability of operational reliability, corrosion resistance	5.10	Pass	
Durability of operational reliability, electrical stability	5.14	Pass	
<p>The products covered by this standard are assumed to operate, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.</p> <p>1) The product has no interconnected function – Therefore clauses 4.18 &amp; 5.19 are not applicable.</p> <p>2) The device is battery powered – Therefore clauses 4.3, 4.8 &amp; 5.23 are not applicable.</p> <p>3) No connections of ancillary devices – Therefore clause 4.4 is not applicable.</p> <p>4) No external connection – Therefore clause 4.11 is not applicable.</p>			

The certificate shall be reproduced in extenso  
– extracts only with written permission from DBI Certification A/S.

Annex 2

**TEST DOCUMENTATION**

Accredited Laboratory	Report no.	Date
SGS-CSTC	GZES220501011901	2022-09-01
SGS-CSTC	GZES220501011902	2022-09-01
SGS-CSTC	GZEM220600318701	2022-09-07

**TECHNICAL BASIS**

File Number	Title	Date
HM-YF-SI-BOM-101021187	Bill of Material	2022-04-19, Version: V1.0
HM-YF-SI-BOM-101021186	Bill of Material	2022-04-19, Version: V1.0

The certificate shall be reproduced in extenso  
– extracts only with written permission from DBI Certification A/S.