



### UKCA Declaration of Conformity (DoC)

This declaration of conformity is issued under the exclusive responsibility of the manufacturer

#### WE (MANUFACTURER OR AUTHORISED REPRESENTATIVE):

**BUSINESS NAME:** XYZ Reality Ltd  
**ADDRESS:** Unit G0. G02  
338-346 Goswell Road, Angel,  
Clerkenwell, London, EC1V 7LQ  
**COUNTRY:** United Kingdom

#### DECLARE UNDER OUR SOLE RESPONSIBILITY THAT THE PRODUCT:

**PRODUCT NAME:** Atom Hard Hat  
**PART NUMBER:** XYZ-13-01  
**FIRMWARE VERSION:** v01  
**SOFTWARE VERSION:** v2  
**OBJECT:** XYZ Reality, ATOM Hard Hat (black)



#### PLACE AND DATE OF ISSUE (OF THIS DOC):

XYZ Reality  
Angel, London, EC1V 7LQ, UK  
17/08/2023

#### SIGNED BY OR FOR THE MANUFACTURER:

DR KAZ KHAKE  
VP TECHNOLOGY

#### Notified Body

TÜV SÜD, Fareham, PO15 5RL  
TÜV SÜD, Warwickshire, CV37 0EX  
BSI Kitemark House, Milton Keynes, MK5 8PP

If any further information is required please go to [www.xyzreality.com](http://www.xyzreality.com)  
or contact [hello@xyzreality.com](mailto:hello@xyzreality.com)

To which this declaration relates is in conformity with the following relevant legislation:

**UKCA - PPE REGULATION 2016/425 ON PERSONAL PROTECTIVE EQUIPMENT AS AMENDED TO APPLY IN GB**

**BS EN 397:2012+A1:2012** Industrial safety helmets

**BS EN 166-2002** Personal eye-protection Specification

The following Notified Body performed the intervention as described below and issued the EU-type examination certificate:

<b>PRODUCT NAME:</b>	ATOM G2
<b>TYPE:</b>	BS-EN397 & BS EN166 Augmented Reality Construction Hard Hat with Visor and Tinted Visor
<b>BATCH / SERIAL NUMBER:</b>	01
<b>OBJECT:</b>	XYZ Reality Hard Hat (black)
<b>APPROVED BODY NAME:</b>	BSI
<b>APPROVED BODY ADDRESS:</b>	BSI, Davey Avenue, Knowlhill, Milton Keynes, MK5 8PP, UK
<b>APPROVED BODY NUMBER:</b>	0086
<b>IDENTIFICATION NUMBER:</b>	0086
<b>DESCRIPTION OF INTERVENTION:</b>	EU type-examination Module B
<b>NUMBER UKCA - TYPE EXAMINATION CERTIFICATE:</b>	UKCA 765858
<b>DATE UKCA -TYPE EXAMINATION CERTIFICATE:</b>	02/07/2021
<b>EFFECTIVE DATE OF VALIDITY OF THE EXAMINATION CERTIFICATE:</b>	17/05/2027

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This product is also in conformity with the following relevant legislation:

**RADIO EQUIPMENT REGULATIONS 2017**

<b>ETSI EN 300 328</b>	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
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**ROHS IN ELECTRICAL AND ELECTRONIC EQUIPMENT  
REGULATIONS 2012**

<b>EN 50581:2012</b>	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
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**ELECTROMAGNETIC COMPATIBILITY REGULATIONS 2016**

<b>EN 61000-6-2</b>	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
<b>EN 61000-6-4</b>	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
<b>EN 61000-3-2</b>	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)
<b>EN 61000-3-3</b>	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection
<b>ETSI EN 301 489-1</b>	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
<b>ETSI EN 301 489-17</b>	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility
<b>Article 3.1(a) – in respect of Health and Safety</b>	IEC 62368-1:2014, EN 62368-1:2014, EN 62368-1:2014/ A11:2017, UL 62368-1:2014, CSA/CAN C22.2 No. 62368-1-14, AS/NZS 62368.1:2018 and EN 50566 2017

# DECLARATION OF CONFORMITY

and that the product is in conformity with the following standards and/or other normative documents:

ADDITIONAL STANDARDS	
<b>FCC 47CFR 2.1093</b>	Radiofrequency radiation exposure evaluation: portable devices
<b>RSS 102</b>	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)
<b>FCC 47 CFR Part 15C</b>	Intentional Radiators
<b>ISED RSS-247</b>	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices
<b>ISED RSS-GEN</b>	General Requirements for Compliance of Radio Apparatus
<b>FCC 47 CFR Part 15B</b>	Unintentional Radiators
<b>ICES-003</b>	Information Technology Equipment (including Digital Apparatus)
<b>IEC 62133-2</b>	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems
<b>UL2054</b>	Household and Commercial Batteries
<b>IEC/EN/UL/CAN/CSA/AS/NZS 62368-1</b>	Audio/video, information and communication technology equipment - Part 1: Safety requirements

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