SINTHESI steel

STEEL'S MOST ELEGANT SHAPE
URMET

Urmet, established in Italy in 1958, designs, develops and markets products and systems for building automation. The company is a leading player in building automation and security thanks to its constant investment in technology research which simplify, reduce installation time and improve functionality in residential, tertiary and industrial sectors. A wide range of products offers solutions to living and working spaces with the specific requirements of each market.

Video-doorphone, doorphone, telephony, climate control, professional video-surveillance, anti-intrusion and fire-detection systems: a range of solutions to living spaces giving peace of mind and security, with the intelligence of technology and user-friendly automation – making everyday solutions even easier. Urmet with more 50 enterprises spread over more than 100 Countries all over the world with a diffused sales network.

URMET GROUP

The Urmet Group is a leading Italian provider with a strong international presence comprising over fifty companies that put together their expertise to offer global solutions to partners and customers. The Urmet Group designs, develops and markets products and systems in the communication and security sectors, as well as in energy management and saving and telecommunications. In Italy it is the leading provider of video-doorphone and telephone systems, access automation and control, professional intrusion detection, anti-fire and video-surveillance systems; from private homes to town redevelopment planning up to large public infrastructures, the Group is a global partner reputed for product quality and service effectiveness.
STEEL’S MOST ELEGANT SHAPE

**Synthesi Steel** combines sturdiness and elegance. Urmet’s new vandal resistant entry panel offers superior technology in a modern, attractive design.

**Safer**, with a steel structure that makes it resistant to acts of vandalism, impacts and infiltration of liquids. The buttons are flush with the panel, preventing damage to the entry panel external elements. The wide-angle colour camera offers a wide visual field.

**More flexible**, thanks to its pre-wired modules and flush-mounting boxes compatible with Synthesi and K-Steel entry panels. Assembly of the entry panel modules does not require the use of work tools.

**More attractive**, thanks to the bright, unique look of polished steel and the white backlit buttons, which greet visitors with a sleek, modern appearance.

**Synthesi Steel** has a wide range of functions and is compatible with Urmet’s digital and analogue systems.

Think of what elegant strength looks like. Now its name is **Synthesi Steel**.
Unique design, innovative technology.

Beautiful and compact: instantly attractive
Synthesi Steel is attractive, classy and features a streamlined, unique design: it’s the perfect entry panel to welcome visitors in style. Its flush design and the absence of a mounting frame between each element lend Synthesi Steel a compact and elegant look.

Modular and versatile: suitable for all types of buildings
Synthesi Steel is compatible with Synthesi and K-Steel metal flush-mounting boxes and can be used with the same analogue outside stations used by Synthesi. The modules feature standard dimensions and can be freely combined. The panel has snap-on assembly, the only screws are located on the outer frame.

Accessible and interactive: designed for easy use by people with disabilities
The range includes speech synthesis modules, light indicators and systems that provide hearing assistance to hearing-aid users. Thanks to proximity and access control modules it is possible to open doors and gates without using any keys.

Sturdy and safe: it fears nothing and protects everyone
Synthesi Steel’s steel structure is impact-resistant (IK 09 rating) and liquid infiltration-resistant (IP 45 rating), which means it can withstand any atmospheric conditions. The wide-angle camera unit has a 120° angle of view. With the proximity sensor modules it is possible to grant fast access to authorised persons.

Main features
- Vandal resistant body, with flush buttons
- Compatible with Synthesi and K-Steel flush-mounting boxes
- Wide-angle camera - 120°
- White back-lighting and customisable name tag colours
- Compatible with analogue Synthesi outside stations
- Pre-wired modules
- Compatible with 3-wire, 4-wire and 1-wire Coax analogue systems
- Compatible with 2Voice, IPerVoice and Bibus VoP systems

Ideal for
- Preventing damage from acts of vandalism
- Upgrading old systems
- Increasing safety and accessibility
EASY AND QUICK INSTALLATION

- Backward compatibility with Sinthesi and K-Steel boxes
- Analogue outside stations and accessories shared with Sinthesi entry panel
- Easy installation in digital systems through pre wired modules by flat cable

PERFORMANCE, STURDINESS AND STYLE CUSTOMERS CAN RELY ON

- Video unit with wide shooting angle and clear, sharp images
- Sturdy and resistant to acts of vandalism
- Clear, visible name tag backlighting featuring a sophisticated design that prevents eye strain

COMPATIBLE WITH

2Voice: the non-polarised 2-wire video-interphone system, 2 wires everywhere, advantages any way you look at it.

IPerVoice: the IP system with CAT5/5e/6 UTP cable and fiber optics for unlimited expansion and users.

Bibus VOP: doorphone and video doorphone mixed systems with 2 pairs of non-polarised wire.
DESIGN AT THE SERVICE OF SAFETY

Designed to combine beauty and functionality.

Synthesi Steel’s superior quality is born from an innovative and original idea: shape must be functional, as well as aesthetically pleasing. Synthesi Steel’s structure is the result of an integrated design developed thanks to the close collaboration of engineers and designers. The result is Synthesi Steel: a stunning entry panel with surprising performance and highly resistant to attacks of any kind.

Polished finish
Synthesi Steel is made in polished steel, which lends it a bright, eye-catching look. This type of finish also makes the entry panel easy to clean.

Flush structure
Even though Synthesi Steel is modular, its outer part looks like a single piece. This gives the product a sturdy and compact look.

Flush-mounted elements
Synthesi Steel’s buttons are flush with the entry panel’s structure in order to guarantee greater resistance to acts of vandalism and to reduce the area where dirt and dust may deposit.

Name tags and buttons
Maximum brightness thanks to white LED lighting for name tags and buttons.
OUTSTANDING QUALITY, GUARANTEED STURDINESS
Designed to endure anything. Forever.

Synthesi Steel's structure is made in stainless steel to prevent corrosion. Its special design makes it a cutting-edge technological product.

**Impact-resistant**
Thanks to its stainless steel structure and simple assembly and configuration, Synthesi Steel offers top-of-the-range performance certified as compliant with international standards. It features an IK 09 impact resistance grade; this means that, during resistance tests, it has withstood the impact of tools weighing 5 kg/11.02 lb from a distance of 20 cm/0.66 feet without damage.

**Infiltration-resistant**
Each module features a seal that makes the entry panel weather resistant. It features an IP 45 protection degree against liquids and fine dust. This means that solid objects with a diameter of more than 1 mm/0.039,37 in and liquid jets will not penetrate inside the entry panel body. Perfect sealing of modules on the metal wall frame is guaranteed by a snap-on system.

**Special screws**
Synthesi Steel features Torx head screws. This prevents anyone not possessing the special required tool from unscrewing them, reducing the risk of tampering by vandals or other people.

**Tear-proof design**
Name tag holders and buttons are flush with the structure, to prevent tampering or tearing by means of screwdrivers or pickers. In addition, name tags are made in self-extinguishing material.
SUPERIOR TECHNOLOGY AND FUNCTIONALITY

More protection, more functionality and more usability for everyone.

Synthesi Steel features a range of modules to expand its technical capability, to meet any functional need. Urmet’s designers have focused their efforts on addressing safety issues, and they have worked hard to make this entry panel extremely easy to use. Great care has also been taken to address the needs of people with disabilities.

**Wide-angle camera**
The camera features a shooting angle of 120° (horizontal) and 90° (vertical). Installed 160cm/5.24 feet from the ground, it can frame people on wheelchairs, children and people who are trying to hide.
**High-performance camera**
The video module features a 1/3" colour, wide-angle CCD camera. The LED lighting system guarantees optimal visibility at night and in poor visibility conditions, while allowing considerable energy savings.

**Beautiful and smart backlighting**
Synthesi Steel's buttons and other readable elements feature white backlighting, which lends the entry panel a sleek, modern look.

**Designed for use by people with disabilities**
Special speech synthesis modules and light indicators inform people with disabilities on the status of the system (ongoing call, speak, door open). In addition, I.L.A modules (Induction Loop Antenna) provide hearing assistance to users of hearing aids fitted with a "T" switch.

**Safety and ease of access**
The access control function is available thanks to the presence of modules fitted with a proximity sensor and numeric keypad. These allow to open gates and doors without using a key and help prevent unauthorised persons from accessing the building.
DESIGNED WITH INSTALLERS IN MIND

Easy to configure, assemble and install.

The modular nature of Sintesi Steel is an advantage not only for users, but also for installers. The entire structure of the entry panel comprises only four elements, which can be assembled in one simple step. This is why it is also easy to configure and order it. In addition, Sintesi Steel can use the same flush-mounting boxes used by Sintesi and K-Steel.

Quick installation
The functional modules snap onto the wall frame, no tools are required. The hinge on the wall frame makes for easy wiring as it keeps each module perpendicular to the flush-mounting box.

Easy to configure
The Sintesi Steel line is complete, yet simple: this means it includes a relatively small number of items, which are easy to configure and order. Errors are therefore considerably reduced.

Compatibility
With Sintesi Steel, installers can use the equipment they already own and know: Urmet’s new entry panel can use the flush-mounting boxes of Sintesi and K-Steel. Installers can mount the plastic box into the wall, then choose whether to use the Sintesi or Sintesi Steel entry panel at a later time.

Multi-system
Sintesi Steel is compatible with 2Voice and iPerVoice digital systems. For analogue installations, it is possible to use Sintesi’s analogue outside stations. For digital installations on 3-4 button modules the wiring is done with flat cables, which guarantee a quick and safe installation.
Routine operations that can be carried out by anyone.

Synthesi Steel is easy to upgrade: adding electronic modules and replacing or adding name tags is easy thanks to its simple wiring and the high accessibility of its inner components.

Simplified name tag replacement
To access the name tag compartment, simply remove the frame and the button module front panel. Then replace or add a new name tag on the back of the button module front panel. The name tag area is entirely isolated from the wires, so name tag replacement operations are completely safe.
AVAILABLE MODULES

The secret behind Sinthesi Steel's success:

4 frames available in different heights and 4 matching flush-mounting boxes. Obtain many combinations with just a few items. This is why Sinthesi Steel is an extremely versatile entry panel, which makes the installer's job much easier.

Configurable according to specific needs

With Sinthesi Steel the available modules can be combined to create the configuration that best suits the communication needs of a building, be it a small detached house or a large residential complex. For audio and video versions, the Sinthesi Steel line includes useful items such as a "door open" warning module, an induction loop antenna for hearing-aid users, a proximity sensor and a digital numeric keypad. The line also includes 3 modules for ZVoice and IPerVoice digital systems.
AVAILABLE MODULES

1158/61
One-module stainless steel frame with module support wall frame. Frame dimensions (H x W x D): 127 x 125 x 12 mm/4.92 x 4.92 x 0.47 inches.

1158/62
Two-module stainless steel frame with module support wall frame. Frame dimensions (H x W x D): 217 x 125 x 12 mm/8.54 x 4.92 x 0.47 inches.

1158/63
Three-module stainless steel frame with module support wall frame. Frame dimensions (H x W x D): 307 x 125 x 12 mm/12.06 x 4.92 x 0.47 inches.

1158/64
Four-module stainless steel frame with module support wall frame. Frame dimensions (H x W x D): 397 x 125 x 12 mm/15.63 x 4.92 x 0.47 inches.

1158/61
Iron one-module flush-mounting box. Dimensions (H x W x D): 118 x 118 x 65 mm/4.65 x 4.65 x 1.77 inches.

1158/62
Iron two-module flush-mounting box. Dimensions (H x W x D): 208 x 118 x 65 mm/8.18 x 4.65 x 1.77 inches.

1158/63
Iron three-module flush-mounting box. Dimensions (H x W x D): 298 x 118 x 65 mm/11.73 x 4.65 x 1.77 inches.

1158/64
Iron four-module flush-mounting box. Dimensions (H x W x D): 388 x 118 x 65 mm/15.27 x 4.65 x 1.77 inches.

1158/59
Polished steel blank module. Module dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/50
Polished steel house number module. Dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/51
Polished steel 1-button module. Module dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/52
Polished steel 2-button module. Module dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/53
Polished steel 3-button module. Module dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/54
Polished steel 4-button module. Dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/20
Polished stainless steel loudspeaking unit ready module without buttons. Module dimensions (H x W): 95 x 90 mm/3.74 x 3.54 inches.

1158/21
Polished stainless steel loudspeaking unit ready module with 1 button. Module dimensions (H x W): 95 x 90 mm/3.74 x 3.54 inches.

1158/22
Polished stainless steel loudspeaking unit ready module with 2 buttons. Module dimensions (H x W): 95 x 90 mm/3.74 x 3.54 inches.

1158/43
Stainless steel module with 50 Hz/13" colour wide-angle [120°] CCD camera unit. Dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/91
Stainless steel module with 50 Hz/13" colour wide-angle [120°] CCD camera unit, integrated loudspeaking module with 1 button. Dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/85
Stainless steel door opening module with proximity sensor. Dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/44
Steel door opening module with keypad. Dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/67
EIB Stainless steel module with call feedback with voice messages and LED for system status check. Dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1158/48
Stainless steel E/A module for hearing-aid users. Dimensions (H x W x D): 95 x 90 mm/3.74 x 3.54 inches.

1083/17
14 button add-on module for digital systems. To be used with 2Voice systems.

1083/6
2 Voice digitised loudspeaking unit with 2 buttons on 2 modules.

1083/12
2 Voice outside video station with 2 buttons on 2 modules.

10297/4
2 Voice outside video station with 2 buttons on 2 modules.

1158/31
Housing with hood on 1 row for 1 module with wall frame and frame. Dimensions (H x W x D): 151.5 x 157 x 79 mm/5.96 x 6.18 x 3.11 inches.

1158/32
Housing with hood on 1 row for 2 modules with wall frame and frame. Dimensions (H x W x D): 241.5 x 157 x 79 mm/9.50 x 6.18 x 3.11 inches.

1158/33
Housing with hood on 1 row for 1 module with wall frame and frame. Dimensions (H x W x D): 331.5 x 157 x 79 mm/13.05 x 6.18 x 3.11 inches.

1158/34
Housing with hood on 1 row for 4 modules with wall frame and frame. Dimensions (H x W x D): 421.5 x 157 x 79 mm/16.59 x 6.18 x 3.11 inches.

1158/611
Rain hood on 1 row for 1 module. Dimensions (H x W x D): 151.5 x 157 x 50 mm/5.96 x 6.18 x 1.97 inches.

1158/612
Rain hood on 1 row for 2 modules. Dimensions (H x W x D): 241.5 x 157 x 50 mm/9.50 x 6.18 x 1.97 inches.

1158/613
Rain hood on 1 row for 3 modules. Dimensions (H x W x D): 331.5 x 157 x 50 mm/13.05 x 6.18 x 1.97 inches.

1158/614
Rain hood on 1 row for 4 modules. Dimensions (H x W x D): 421.5 x 157 x 50 mm/16.59 x 6.18 x 1.97 inches.

1158/626
Rain hood on 2 rows for 6 modules. Dimensions (H x W x D): 241.5 x 286 x 50 mm/9.50 x 11.25 x 1.97 inches.

1158/626
Rain hood on 2 rows for 6 modules. Dimensions (H x W x D): 331.5 x 286 x 50 mm/13.05 x 11.25 x 1.97 inches.

1158/601
1-module adapter kit for K-Steel flush-mounting box.

1158/602
2-module adapter kit for K-Steel flush-mounting box.

1158/603
3-module adapter kit for K-Steel flush-mounting box.

1072/9
8 bus Vop digitised loudspeaking unit with 1 button on 1 module.
SALES NETWORK

EUROPE

AUSTRIA

UMET DIALO AG

Vorrap 13 | A-1020 Vienna | Tel: +43 1 8735808
www.dialo-ag.at | info@dialo-ag.at

BELGIUM

UMET BELGIUM SRL

Brussels | Tel: +32 2 5277234
www.umetbelgium.be | info@umetbelgium.be

CZECH REPUBLIC

UMET s.r.o.

Trapez 14 | 175 00 Prague 7 | Tel: +420 245 185 888
www.umet.cz | info@umet.cz

DENMARK

UMET السنوات والمغرب

Oresund | Tel: +45 23 093205 | Fax: +45 23 093292
www.umet.no | sales@umet.no

BULGARIA

UMET BULGARIA

2019, Vezhevo, 1114 Sofia | Tel: +359 889 471372 | Fax: +359 886 468 612
www.umet.bg | info@umet.bg

FINLAND

CITIONO

Hyönteis | Tel: +358 9 50286 3706
www.citio.com | info@citio.com

FRANCE

UMET CAPIT'N

Achères, 78 | Tel: +33 1 48 19 16 00
office@umet-capitn.com | info@umet-capitn.com

GERMANY

GROTHI GmbH

Hamburg | Tel: +49 202 889 0
www.grothigroht.com | info@grothigroht.com

GREECE

KARSON S.A.

Athens | Tel: +30 210 3446661
www.karsongroup.gr | info@karsongroup.gr

HOLLAND

ELBE TECHNOLOGY B.V.

Zwolle | Tel: +31 50 80 24 7988
www.elbeobserver.com | info@elbeobserver.nl

HUNGARY

UMET RÚHUERA KFT.

Budapest | Tel: +36 1 562430
www.umet.hu | info@umet.hu

IRELAND

NACOM Ltd.

Dublin | Tel: +353 1 6797877
www.nacom.ie | info@nacom.ie

LATVIA

DIA PRIVT.

Riga | Tel: +37 6326397 | Fax: +37 63263979
www.diaprivt.com | info@diaprivt.com

MALTA

P.A.C. ASSOCIATES LTD

Msida | Tel: +356 21 247 713
www.pac.com.mt | info@pac.com.mt

NORWAY

UMET DOMINIC SCANDINAVIA

Oslo | Tel: +47 23 093200 | Fax: +47 23 093292
www.umet.no | sales@umet.no

POLAND

MINT - UMET LTD.

Warsaw | Tel: +48 22 417 50 00 | Fax: +48 22 413 1373

PORTUGAL

REDIL S.A.

Lisbon | Tel: +351 21 847 383 | Fax: +351 21 847 383
www.redil.pt | info@redil.pt

RUSSIA

UMET INTERCOM LTD

St. Petersburg | Tel: +7 812 4413024
www.umetru.ru | info@umetru.ru

SLOVAK REPUBLIC

UMET a.s.

Bratislava | Tel: +421 23 263 8114 | Fax: +421 23 263 8114
www.umet.sk | info@umet.sk

SLOVENCIA

UMET a.s.

Nové Srdie | Tel: +421 31 300 8110
www.umet.sk | info@umet.sk

SWEDEN

LANDBERG'S

Stockholm | Tel: +46 8 6564160
office@landbergs.com | info@landbergs.com

TURKEY

CILINDIR ELEKTRONIK

Ankara | Tel: +90 312 6414700 | Fax: +90 312 6414795
Istanbul | Tel: +90 212 227 6273 | Fax: +90 212 227 6273
www.cilindirelektronik.com.tr

ROMANIA

UMET-INTERCOMER SRL

Bucharest, 43 Militir Street, Sector 3, Romania
Tel: +40 21 202440677 | Fax: +40 21 202440677
www.umet-intercomer.ro

UNITED KINGDOM

UMET DOMUS COMMUNICATIONS AND SECURITY UK LTD

Ormsby Hall | Tel: +44 1576 565010
www.umetuk.com | sales@umetuk.com

NORTH AMERICA

UNITED STATES

Current Systems Technologies
4257 Whirl Industrial Estates
Palm Bay, FL 32905
T: +1 323-746-6480
www.currentsystems.com | info@currentsystems.com

CANADA

MINCOM TECHNOLOGIES LTD

Vaughan, Ontario, Canada | Tel: +1 905 480 1900
www.mincomtech.com | email@mincomtech.com

LATIN AMERICA

ARGENTINA

PEPERS S.A.

Buenos Aires | Tel: +54 11 47536872
peppersa@peppersa.com.ar

CONDUVOX

RUA VISCONTE DE INHAIUMA, 216 – SAÚDE
Tel: +55 11 5075 6110
www.conduvox.com.br | support@conduvox.com.br

ECUADOR

KETAL TV, Ltda.

Quito | Tel: +593 2302870
info@ketal.com | www.ketal.com.ec

MEXICO

UNIDO DE MEXICO

Tel: +52 33 2630 3764
www.umemp.com.mx
info@umemp.com.mx

PANAMA

UMET PANAMA S.A.
Panama City | Tel: +507 228 0333 | Fax: +507 228 0333
info@umetpanama.com

VENUEZUELA

CITOFON – OSCAR BACCHO RIERA

Barquisimeto | Tel: 0212 2352754
info@citofon.com

OCEANIA

AUSTRALIA (NSW – QLQ – SA – WA – ACT – NT)

UMET HOME & BUILDING SOLUTIONS

Pty Ltd (No VOICE INTERCOM

Robin Australia NSW | Tel: +61 2 95557715
www.robintelecom.com.au
sales@robintelecom.com.au

NEW ZEALAND

UMET (Pty) LTD (ONLINE)

www.robintelecom.com.au
sales@robintelecom.com.au

AFRICA

DJIBOUTI

Eliam | Tel: +253 820222
sales@djibouti.com

EGYPT

Gips | Tel: +20 90 7441441 | Fax: +20 2 7441555
gips@jimproject.com

LIBYA

BIFU ELECTRIC MATERIAL

Tunisia | Tel: +21 2 302 2613 | Fax: +21 2 302 2613
info@bifuelectricmaterial.com

MOORCRO

OMEGIX S.A.L.

Cassablanca | Tel: +212 522 290222 | Fax: +212 522 290222
omexeg@omegixsystems.com

AFRICA

ELAF NETWORK SYSTEM LTD

Beva, Lagos | Tel: +234 1 794 651 | Fax: +234 1 794 6512
info@elaf-networks.com

SOUTH AFRICA

ELFIS ELECTRIC

Johannesburg | Tel: +27 11 691 7000
www.elfishs.com | sales@elfishs.com

MIDDLE EAST

QIODANIA

TECHNOLOGIES

P.O. Box 14782 Amman 11111 Jordan | T: +962 24664753 | F: +962 24666805
www.qiodaniatech.com | info@qiodaniatech.com

OMAN

GROUP 2 SECURIDOR SECURITY SYSTEMS LLC

P.O. Box 14782, Amman 11111 Jordan | T: +962 24664753 | F: +962 24666805
info@group2securidor.com

GENETICO

P.O. Box 3135, Ruwa 112 Sultanat of Oman | T: +22 495900 | Fax: +22 495900
info@geneticomco.com

CIPRO

K.S. SALVOS & SON LTD

Nicosia | Tel: +357 2 2303213 | Fax: +357 2 2303213
kiosou@cytel.com.cy

AFRICA

Djibouti

Eliam | Tel: +253 820 222
sales@djibouti.com

Egypt

Gips | Tel: +20 90 7441441 | Fax: +20 2 7441555
gips@jimproject.com

Libya

Bifuelectricmaterial.com

Morocco

Omeqix systems.com

South Africa

Elfis Electric

Middle East

Qiodania Technologies

Oman

Genetico

Cipiro

Ericsson

Far East

China

Umet Communications Limited

Hong Kong

India

Alba Umet Communication and Security Pvt. Ltd.

Indonesia

Ptc

South East Pacific

Umet Asia Pacific Pte Ltd

Malaysia

Umet Domus (M) Sdn Bhd

Japan

Korea

Korean Umet Communications

Umet Asia Pacific Pte Ltd

Malaysia