

AGRG
EYWA

WE'RE TRANSFORMING SECURITY



AGRG[®] EYWA[®]

NATURAL WOOD

DESIGNER READERS

FOR ACCESS CONTROL SYSTEMS



Every tree in our forests, every trunk and every plank that our devices are made of tells a story. They are as unique as we are: each has their own fingerprint. Thanks to this individuality and uniqueness of materials, our work is always diverse and exciting. We make electronics for office, hotel and restaurant smart security systems using naturally grown wood.

We will show you all the versatility of our devices. You can choose the technical characteristics that work just for you and be as flexible as you like.

Highlight your personality!

AGRG® — WE'RE TRANSFORMING SECURITY

“Our experience and desire to combine innovation and design lead to development and production of new security solutions. Solutions that add value for our customers and highlight their uniqueness.”

Alexander Chizhov, founder of AGRG®



Modern readers from different manufacturers hardly differ from each other. Basically, these are plain plastic rectangles in gray or black that have no outstanding design features. Most of them are made in China and they are often sold as OEMs under any name. There are no other differences.



FULL CYCLE PRODUCTION

The highest precision of our own production and perfect compliance with our developed technologies guarantee the high quality of all **AGRG®** devices. Our principles include efficient and careful use of natural resources and compliance with all environmental protection standards. We do not use middlemen. We make all production components ourselves.



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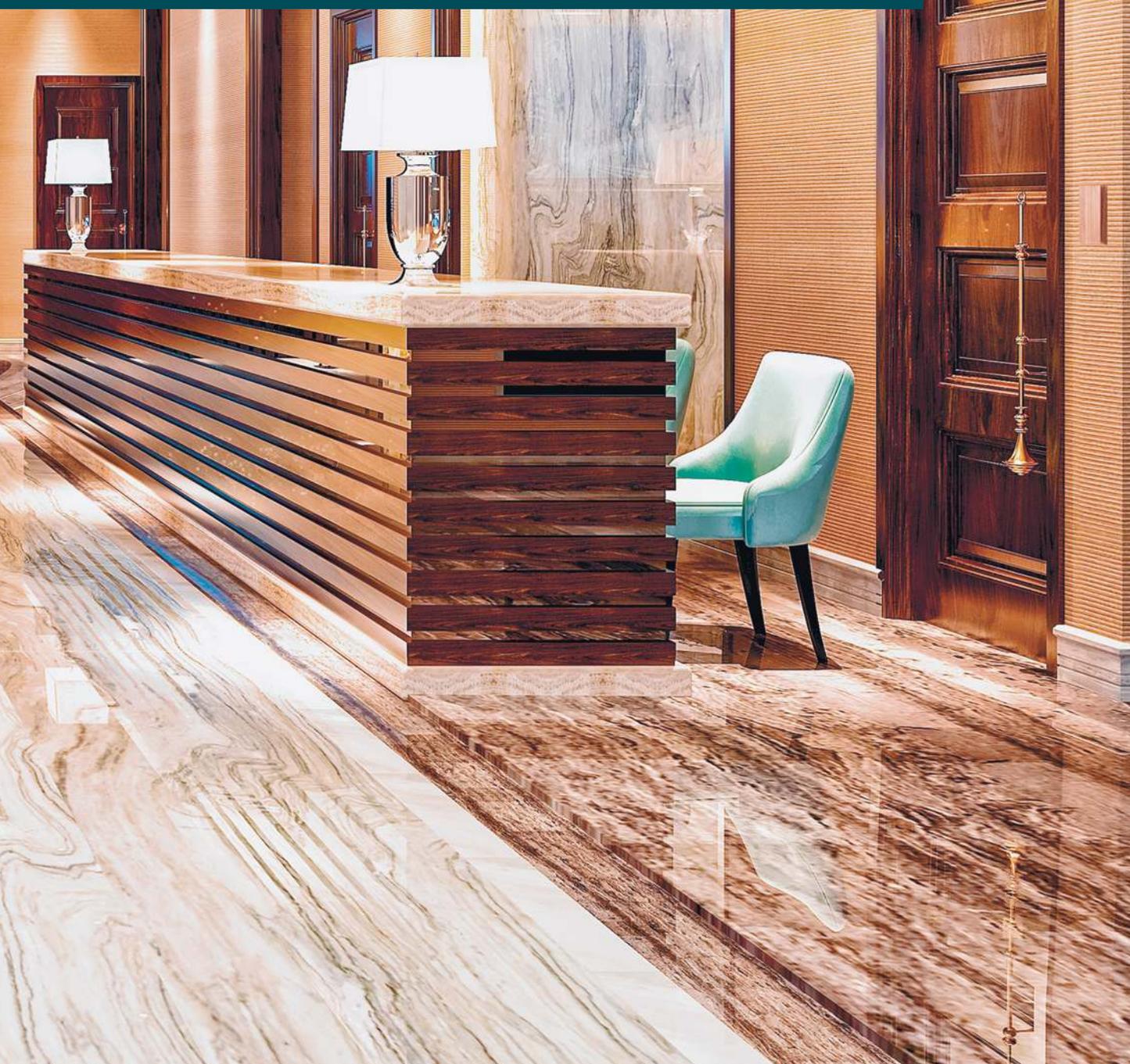
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AGRG® EYWA® CLASSICS

STRAIGHT LINES. IMPECCABLE STYLE.
SOPHISTICATION. TIMELESS ELEGANCE.



AGRG® EYWA® CLASSICS

means natural textures that infuse your interior environment with uniqueness and match it flawlessly.



ASH



OAK

The use of natural textures allows creating an image that is truly alive and brings a special mood to your interior environment. **EYWA® CLASSICS** readers are an excellent illustration of the power of using natural materials.

Having only two oak and ash textures in the model range makes the choice easy for most interiors.

This combination emphasizes charming simplicity and sophistication. It is this contrast that creates the dramatic effect that inevitably draws the eye.

The simplicity of **EYWA® CLASSICS** is in removing the unnecessary and adding the necessary: the simple shape and incredible natural textures of oak and ash.

ASH



Ash has been considered a magic tree for ages. The tree united opposites and was an allegory of eternal life. There are about 70 types of ash in the world.

The wood of the tree contains a substance that gives ash the smell of fresh hay. It is easy and calming to take a breath next to the ash tree. Thanks to its beautiful pattern, ash is used as veneer for luxury furniture since veneer is difficult to distinguish from the olive tree when stained.

However, we do not use veneer; we always use only solid wood!

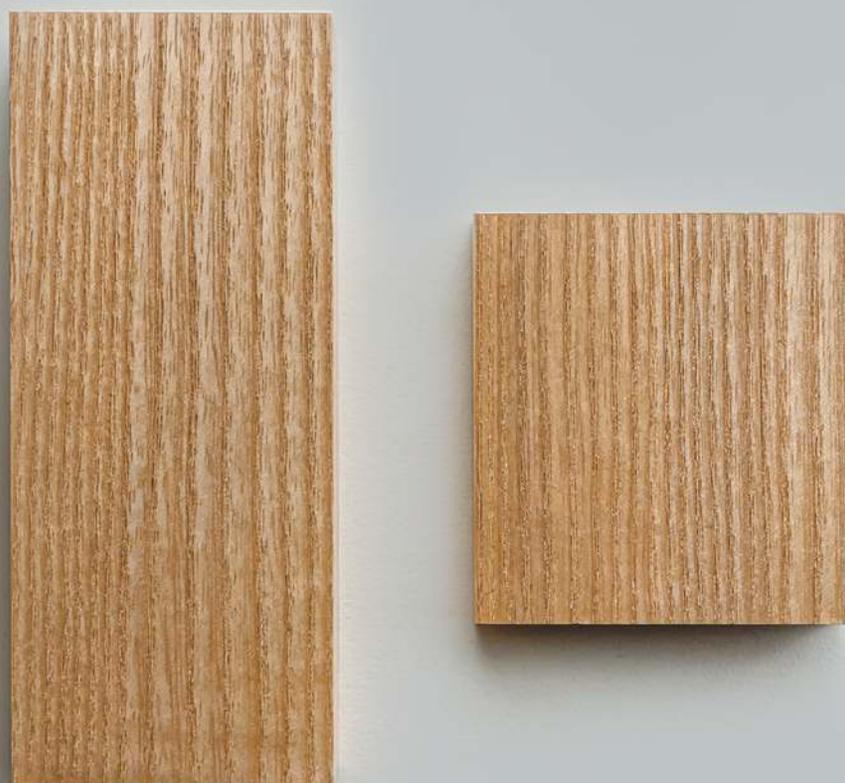


EYWA® CLASSICS | BRICK ASH | NATURAL COLOR / EYWA® ART | BRICK ASH | BLUE / BLACK / RED TUNA

OUR TECHNOLOGY AND HANDCRAFT

Wood micro pores are hermetically sealed under vacuum during **AGRG® EYWA®** reader production. Thanks to modern technologies, we obtain completely new materials with unique features based on natural wood. As a result, our devices are highly resistant to mechanical damage, abrasion or chemicals.

EYWA® CLASSICS readers are treated with natural wax (a combination of mineral wax, rock wax, animal wax, bee wax and vegetable carnauba wax). We combine high technology with centuries-old traditions of wood processing. It is the wax that intensely brings out the structure of the wood, creates a silky matte surface and preserves the beautiful appearance for a long time.



Sets of **AGRG® EYWA® CLASSICS** READER and no-touch exit **AGRG® EYWA®** BUTTON R



AGRG® EYWA® ART

COLORS PLAY IN SPACE.

VARIETY OF COLORS BRINGS LIFE

TO YOUR SPACE. UNLIMITED SPECTRUM.



If you pay special attention to the details of your beautiful office, luxurious hotel or country residence and share the philosophy of hospitality, you have surely developed a harmonious ensemble of all interior details, works of art, equipment and everyday articles. We suggest adding balance and harmony to the access control system. You and your guests, employees and friends will always recognize **EYWA® ART** readers because they do not look like cheap plastic boxes on a wall trimmed with marble, onyx or panels of fine wood. It really does not matter what kind of access control system you have: after all, it is invisible, only **EYWA® ART** readers can be seen.

The readers are used at the Skolkovo golf club, created by the legendary Jack Nicklaus and the Millhouse investment company. Players have everything at their disposal: from a world-class Jack Nicklaus Signature Field designed together with landscape designer Linda Bird, to a club house designed by prominent Japanese architect Shigeru Ban.



AGRG® EYWA® ART. TYPES OF TEXTURE

Crown cut, radial or end-cut wood and millions of unique textures used in AGRG® EYWA® ART perfectly complement the minimalistic body shapes and laconic design, giving the readers a special gentleness.





AGRG® EYWA®

TECHNICAL SPECIFICATIONS

Body material	Stabilized solid block of fine wood
Data transmission	RFID
UID card reading range ISO 14443a	To 4 cm
UID card reading range Em-marine	To 4 cm
Supply voltage	9...15V
Average current consumed	not more than 30 mA
Highest current consumed	not more than 150 mA
Operating temperature	0°C to +50°C
Relative humidity	0-95%, excluding condensation
Protection class according to BS EN 60529	IP54
Dimensions	EYWA® CLASSICS: 50 mm x 120 mm x 21 mm / EYWA® ART 50: mm x 173 mm x 21 mm
RFID card formats	125 KHz Em-marine (EM41XX), 13.56 MHz Mifare (ISO 14443a)
ACS Controller Interface	Wiegand-26 / 34
Sound event notification	12 bits, 22 kHz PCM. Multi-voice, depending on event type, 8bit
Light notification	RGB-LEDs, 16 million color combinations. Depending on the event
Coefficient of thermal expansion	$(1,0\pm 0,2) \cdot 10^{-6} 1/K$
Hardness of reader by Shore D reader (HDS)	≥ 45
Axial shear endurance limit	$\geq 5 \text{ MPa}$ ($\geq 50 \text{ kgf/sm}^2$)
Speaker	Broadband acoustic speaker

AGRG® EYWA® INDIVIDUAL

AS INDIVIDUAL AS NATURE.
AS INDIVIDUAL AS YOU.



Photo by @yakoff65

The readers are used at the Lakhta Center in St. Petersburg where Gazprom headquarters are located. Lakhta Center is the tallest building in Russia and Europe with a tower height of 462 meters. British architect and author of the Lakhta Center concept Tony Kettle was the head of RMJM design team before starting his own company.

AGR[®] EYWA[®] INDIVIDUAL

You can choose any combination of colors and woods from AGR[®] EYWA[®] Classics and AGR[®] EYWA[®] ART collections, adding to these models individual elements or adapting them to your project.

PERSONALIZATION ELEMENTS AVAILABLE:

Discover endless possibilities that allow you to bring to life any individual wishes in design, execution and technical features.

1. ADD YOUR LOGO

We offer a unique service of adding logos and inscriptions to any device.



LASER
ENGRAVING



MILLING

أرامكو
aramco



2. SUPPORT FOR ANY FORMAT OF RFID CARDS:

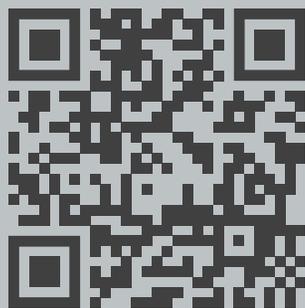
- MIFARE® DESFire™
- MIFARE® Ultralight™
- MIFARE® Plus™
- MIFARE® Classic™
- ISO 14443a
- NTAG® NFC
- ICODE® / ISO 15693
- INDALA®
- HID®, iCLASS®

3. ADVANCED INTERFACE SUPPORT:

- Wiegand-37
- Wiegand-40
- Wiegand-42
- Wiegand-58
- iButton / DS1990A
- RS-232

NATURAL SOUND AND LIGHT INDICATORS

The **AGRG® EYWA®** devices are unique in their ability to connect sounds with the breath of nature and to open up the inner world of each device in every kind of wood. There is an entire library of specially selected audio-visual effects. Using multi-colored (16 million color combinations) LEDs, you can choose exactly the right light for your interior, as well as the right multi-voiced sound (This feature is available only for **AGRG® EYWA® INDIVIDUAL** devices).



Point your
phone camera

Crystal Luminescence

Just like amber and crystals, the unique timekeepers embodying the precious tears of the gods and the bright light of the sun in myths and legends, we can combine wooden parts with epoxy resins to create **AGRG® EYWA®** readers – the perfect device that satisfies the boldest design style.

You can watch this in a short video:
agrg.design/demo

METAL INLAY

EYWA® ART® INTARSIA readers are uniquely designed using a technique of inlaying non-ferrous metals like brass, bronze, nickel silver or copper into the prepared wooden surface.

This way of decoration is rooted in antiquity. The ancient Egyptians used this kind of encrustation technique to decorate furniture, caskets, cedar or ebony sarcophagi. Italian masters were very fond of intarsia. In France, the most famous master working with this method of decoration was André-Charles Boulle and it was Boulle who finalized the technique of Italian masters of the XIV-XV centuries and developed in-depth intarsia - cutting one material into another. Louis XIV even appointed him “royal furniture man” (ébéniste du Roi).



CUSTOMERS

External elements of security systems such as readers should not negatively impact the overall picture or ruin the impression. You can change the design project of your existing office, the concept of future design and decorations of the floor of your company, the construction of a beautiful and functional business center, hotel or villa.

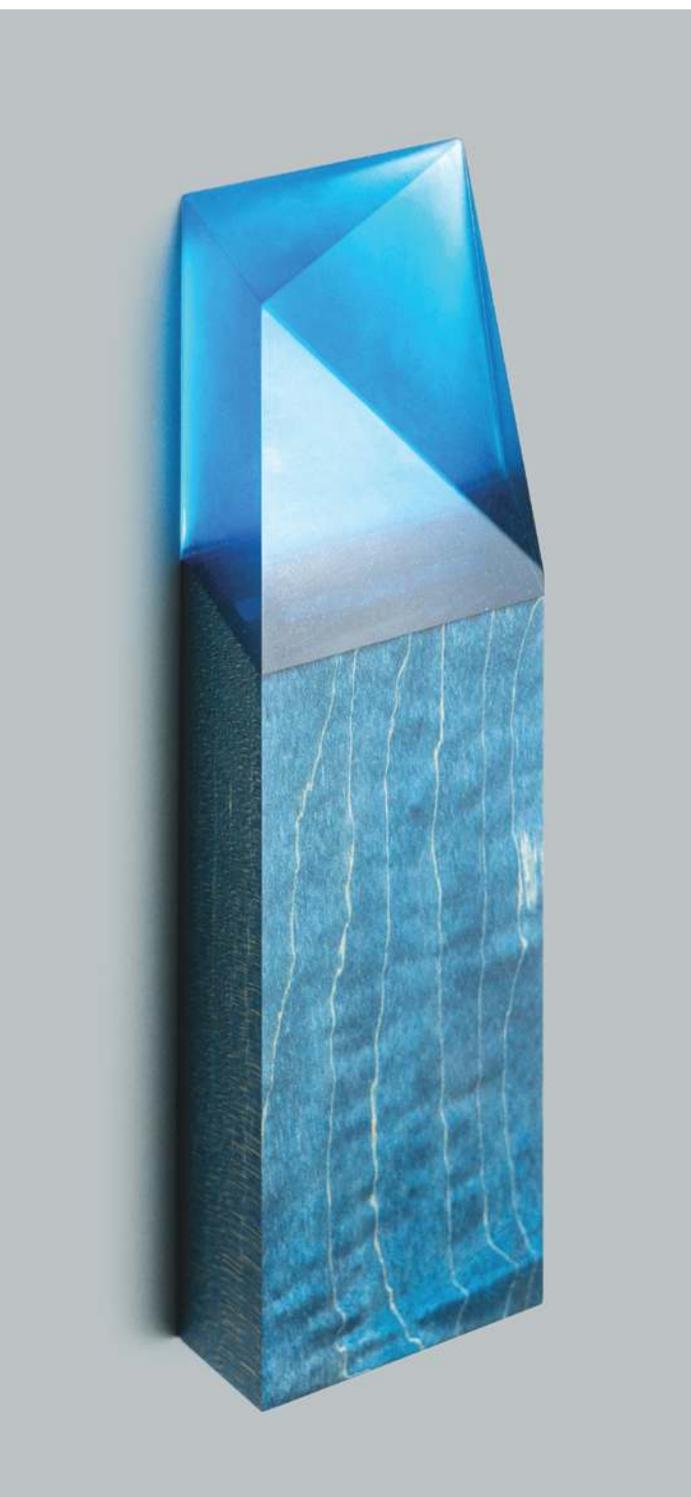
Please send us your design specs, and we will help you choose and then provide the samples of our products that match your needs best.

We are always happy to make new friends, therefore:

**WE INVITE DESIGNERS, ARCHITECTS AND DEALERS
TO WORK WITH US.**



DESIGNERS AND ARCHITECTS



We work with interior designers and architects, both private and design studios. We are constantly expanding this dynamically growing area and inviting designers to collaborate with us more and more often because there are very few really beautiful and modern security system devices on the market and their choice is complicated by issues of compatibility and technical nuances.

We do not simply offer cooperation with designers; we become one team with them. Thanks to all the best aspects of it: our impeccable knowledge and experience of the technical features of readers and access control systems, your individual approach to the customer and understanding of their architectural and design needs, we can create unique projects in our field, a new field!



DEALERS

We can talk your language. We fulfill all the wishes of your customers accurately and on time. Our level of quality always equals our level of responsibility. And the financial terms of our cooperation will not leave you cold.

Our products mean not only unique design, exclusive materials and technical parameters. **AGRG®** has been working in the security systems market for over 12 years and understands perfectly what it means to "organize a pilot project", "write our technical specifications" or "work out a bid text". We confidently answer "YES" when asked about project protection.

CONTACTS

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E-MAIL OR CALL US
RIGHT NOW!



Point your
phone camera



YOUR WARRANTY **waves**♦



Point your
phone camera

AGRG® is the first company in the Russian and CIS security market to implement blockchain certification in its business processes for all collections of **AGRG**® **EYWA**® designer readers. We are striving to provide advanced technological services and significantly improve the quality of service for our customers.

All new **AGRG**® **EYWA**® readers receive a unique digital code (it is printed on the device) — you can always use it to determine the warranty period. Users can validate their warranty anywhere in the world at any time.

You can always check that all information is indeed placed on the Waves Blockchain and is not stored anywhere on our servers.

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