

Nature's
touch
towards
intelligence

AGRG EYWA

Designer Readers



WE'RE TRANSFORMING SECURITY

Every tree has a story to tell. This shows in every plank that we handpick for our devices, each with its own unique texture and distinctive pattern. We use wood as a medium of innovation and creative expression. We produce intelligent security systems and other electronics for offices, hotels, and restaurants using naturally grown wood.

Most contemporary readers look practically indistinguishable, with monotonous gray or black plastic one-size-fits-all rectangular designs. They are all made in China and sold as OEM under generic names. They lack individuality, and organic variation.

AGRG is a team of security technology experts. For over 11 years, we have focused our expertise on designing and creating the highest quality products. Our extensive experience and passion to combine innovation and design led to the development of brand-new security solutions.

The highest precision of manufacturing and flawless implementation of our in-house technologies guarantee the quality of all **AGRG** devices. We are a principled and value-driven company, with a strong belief in the wise and efficient use of natural resources and compliance with the most stringent environmental standards.

We manage the full life cycle of our products

We regulate and control each stage of the production process in-house, from the selection and processing of wood and to design and production of printed circuit boards, writing the microprograms, and final assembly and testing.



**WE'RE
TRANSFORMING
SECURITY**

Dive into a beautiful story and stimulate all your senses with experiences of luxury, delightful diversity and be amazed by the advanced identification technologies and versatility of our devices. We offer flexible choices; choose the technical features you need and want. Live and work in an enchanting, natural environment. Highlight your individuality.

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EYWA CLASSICS

Clean Lines.
Exquisite Style.
Timeless Elegance.

**EVERY TREE
HAS A STORY
TO SHARE
WITH YOU**

**With your Business.
With your Success.**

EYWA Classics NATUR | Brick Maple | natural color



MAPLE

There are more than 100 different species of maple around the world, each producing a wide variety of unique grain effects.

Grains such as birdseye, tiger striped, curly, and even wormy are all sought-after patterns for customers looking for something special and uniquely expressive.

AGRG Reader EYWA Classics Brick Maple

The beauty of EYWA Classics readers lies in their simplicity – clean-cut shapes and incredible natural textures.

If an object looks flat, the texture of wood makes it warm, alive, full of character.

Maple is an iconic tonewood used in various musical instruments. Feel the amazing polyphonic sound of our devices.



MODEL: **Brick Maple**

LINE: Classics **NATUR**

CASE MATERIAL: maple

COLOR: coral



MODEL: **Brick Maple**

LINE: Classics **NATUR**

CASE MATERIAL: maple

COLOR: light beige

Texture adds liveliness to any space and elevates a just-so design to the next level.

EYWA Classics readers perfectly illustrate the power of natural materials to transform a room. Their combination of a complex and lightweight grain structure with a flat design creates contrast and emphasizes charming simplicity and sophistication. This contrast promotes a dramatic effect that acts as a magnet.

Tangential and radial cross sections of wood and the millions of unique textures used in EYWA Classics complement the minimalistic lines and clean case design, giving our readers a special softness.

ASH

The ash tree has been thought to hold mystical properties since antiquity, long been associated with wisdom, knowledge, and divination. In a number of legends, it's connected to the gods, and considered sacred. About 70 species of ash trees occur in the world. A unique oil gives ash wood the scent of fresh hay.

Its beautiful grain makes ash a popular material for luxury furniture. The dark-on-light stripes are reminiscent of olive wood. We use only the finest quality solid ash wood for our Eywa Classics readers.

AGRG Reader EYWA Classics Brick Ash

EYWA Classics readers are treated with natural wax (a blend of mineral, mountain, and animal waxes, like beeswax and natural carnauba wax).

Natural wax deepens wood's beauty, creates a silky matte finish, and prolongs the life of the original color.



MODEL: **Brick Ash**

LINE: Classics **SELECT**

CASE MATERIAL: ash

COLOR: natural

Spicard Office, Moscow

EYWA CLASSICS

EYWA Classics SELECT | Brick Ash | dark blue

Nefteproduct Factory, Rosneft, Moscow

Natural textures signify
uniqueness and exclusivity.
Perfect match for your interior.



EYWA CLASSICS BRICK

EYWA Classics reader housings are made of finest solid wood — oak, maple, alder, and ash.

EYWA Classics NATUR | Brick Ash | natural color

We combine advanced technologies with centuries-old traditions of wood processing.

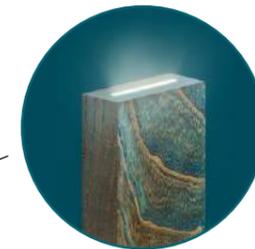
We use vacuum micropore sealing to treat the wood in our **AGRG EYWA** readers.

Thanks to this modern technology, we are able to produce absolutely new eco-friendly materials with unique properties.

As a result, our devices are highly resistant to mechanical damage, abrasion and chemicals.



MODEL: **Brick Ash**
LINE: Classics **NATUR**
CASE MATERIAL: ash
COLOR: natural beige



with lightning



MODEL: **Brick Ash**
LINE: Classics **SELECT**

CASE MATERIAL: ash

COLOR: dark blue

ОСОБЕННОСТИ: unique grain pattern



MODEL: **Brick Oak**
LINE: Classics **SELECT**

CASE MATERIAL: oak

COLOR: natural

ОСОБЕННОСТИ: tangential cut

ALDER

Alder has become a favorite of the environmentally conscious because of its sustainable harvesting and fast growth. Alder is prized for its fine, even texture. The high quality of alder wood makes it an excellent choice for furniture and interior decoration. This hardwood produces a fine grain with natural tan, rusty red, and brown tones. For our **EYWA Classics** and **EYWA Art** readers, we use black and gray alder. Alder resembles more expensive woods like mahogany and cherry. It is highly resistant to decay and moisture — there are cases where alder goods have lasted more than 3,000 years, demonstrating strength on a par with oak. Alder is also valued due to its relatively low electrical conductivity.

Shortly after felling, the wood is white but rapidly develops a warm, light to dark reddish-brown hue in contact with air.

AGRG Reader EYWA Classics Brick Alder

Alder is evenly textured, with excellent staining and finishing properties.

EYWA Classics offers various color options because alder easily accepts all kinds of stains, so its natural color can be altered to match just about any wood tone.

After staining, the pores are sealed with a filler to ensure that the readers will look attractive and perform well for years to come. Count-less color options can be achieved because areas of varying wood density absorb stain unevenly, resulting in beautiful unique gradients.



MODEL: **Brick Alder**

LINE: Classics **SELECT**

CASE MATERIAL: alder

COLOR: lava gray



MODEL: **Brick Alder**

LINE: Classics **NATUR**

CASE MATERIAL: alder

COLOR: natural beige



MODEL: **Brick Alder**

LINE: Classics **SELECT**

CASE MATERIAL: alder

COLOR: space gray

Take a look at these **EYWA Classics Brick** readers made of the finest alder. Part of the beauty of real wood is that each and every plank is unique. Even if we use exactly the same stain, color nuances may occur.

This gives the reader a look of dimension and beauty, a design that's modern and traditional at the same time. We carefully hand-select planks to produce a batch of readers of the same shade. That is why, answering the most common question: "Will the readers look similar?", we show these samples as a guide to understanding possible tone differences.



Throughout the day, the lighting in the room changes gradually. Judging a wood sample color at night, in artificial light, will give you a very different impression than during mid-afternoon in the natural sunlight. So make sure you judge the samples at different times of the day, with different lighting.



MODEL: **Brick Alder**
 LINE: Classics **NATUR**
 CASE MATERIAL: alder
 COLOR: natural beige



MODEL: **Brick Alder**
 LINE: Classics **NATUR**
 CASE MATERIAL: alder
 COLOR: natural beige

Tech Info

Case Material	Stabilized solid premium wood
UID Card Reading Range ISO14443A	up to 3 cm
Em-marine UID Card Reading Range	up to 3 cm
Supply voltage	9V to 15V
Current limit	100mA
Operating temperature	-20°C to +60°C
Dimensions	20mm/120mm/50mm
RFID card format	125 KHz Em-marine (EM41XX), 13.56MHz (ISO14443A)
Interface	Wiegand 26, 34
Event Alerting	Polyphonic, event type-dependent, 8bit
Lighting	Various color options, event type-dependent, RGB LED
Interface Cable length (Wiegand)	300 mm
Housing Thermal Expansion Coefficient	$(1,0 \pm 0,2) \cdot 10^{-6} 1/K$
Shore D housing hardness (HDS)	≥ 45
Axial Shear Strength	$\geq 5 \text{ MPa}$ ($\geq 50 \text{ kgf/sm}^2$)

Product range

Nº	Item Code	Model	Wood / Color	Features
01	AGRG-CLS-B-N-ALDER-B	AGRG Reader EYWA Classics Brick NATUR	Alder / natural beige	light on top, 8bit sound, MF/EM
02	AGRG-CLS-B-N-ALDER-G		Alder / gray	
03	AGRG-CLS-B-N-ALDER-C		Alder / coral	
04	AGRG-CLS-B-N-MAPLE-B		Alder / coral	
05	AGRG-CLS-B-N-MAPLE-C		Maple / light coral	
06	AGRG-CLS-B-N-V-ASH-B		Ash, vertical grain/ beige	
07	AGRG-CLS-B-N-G-ASH-B		Ash, horizontal grain/ beige	
08	AGRG-CLS-B-S-ASH-BR	AGRG Reader EYWA Classics Brick SELECT	Ash / brown	
09	AGRG-CLS-B-S-ASH-BL		Ash / dark blue	
10	AGRG-CLS-B-S-T-ASH-B		Ash, end grain, tangential / beige	
11	AGRG-CLS-B-S-T-OAK-BR		Oak, end grain, radial/ brown	



We are constantly expanding our product range.
Visit our website for the latest updates.

Point your phone's camera at the QR code to find out more
about **EYWA Classics** line:



<http://readers.agrg.ru/models>

NATUR

Nature in its purest form.
Simple yet stylish neutral shades
of specially selected wood.



EYWA Classics NATUR
Brick Alder
case material: alder
color: space gray



EYWA Classics NATUR
Brick Alder
case material: alder
color: lava gray



EYWA Classics NATUR
Brick Alder
case material: alder
color: natural



EYWA Classics NATUR
Brick Maple
case material: maple
color: natural



EYWA Classics NATUR
Brick Ash
case material: ash
color: natural



EYWA Classics NATUR
Brick Alder
case material: alder
color: natural



EYWA Classics NATUR
Brick Alder
case material: alder
color: natural



EYWA Classics NATUR
Brick Maple
case material: maple
color: coral



SELECT

Eye-catching readers.
An impressive combination
of lines and surface patterns.



EYWA Classics SELECT
Brick Ash
case material: ash
color: coral



EYWA Classics SELECT
Brick Ash
case material: ash
color: dark blue



EYWA Classics SELECT
Brick Oak
case material: oak
color: natural



EYWA Classics SELECT
Brick Ash
case material: ash
color: natural

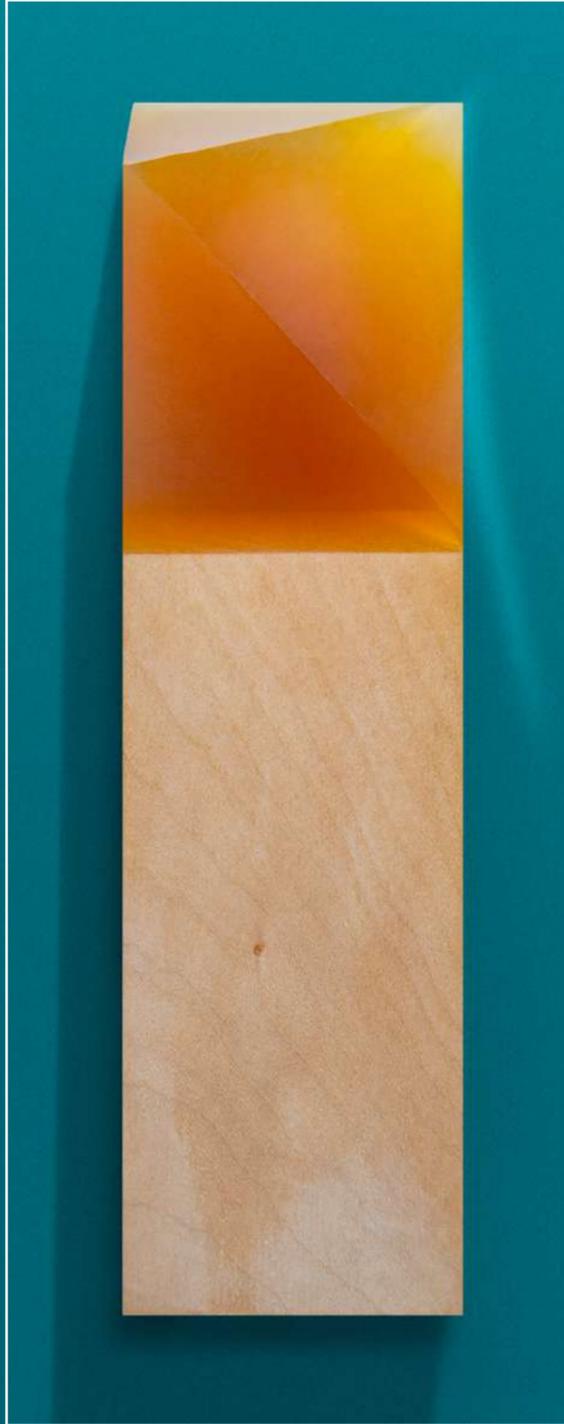


EYWA ART

Colors play
and enliven the space
with their diversity.
Endless spectrum.

**A DASH
OF A COLOR
SPLASH**





Konstantin Stanislavski, a famous Russian theatre director and an inventor of the most influential theory of acting, once said, "the theatre begins at the cloakroom". With this in mind, it's little wonder that people place a great amount of importance on first impressions.

EYWA ART



SECURITY IS AN ART

If you are passionate about every single detail in the design of your contemporary office, luxury hotel, or stunning modern home, if you share the philosophy of hospitality, you have carefully selected works of art, appliances, and decor that blend together in one harmonious ensemble. Let us add balance and a touch of opulence to your access control system. As genuine art pieces made with marble, onyx and fine wood panels, **EYWA Art** readers will instantly grab your guests' attention.

Our elegant **EYWA Art** readers can be customized to fit any access control system.

EYWA Art NATUR | Diamond **Ash** | case color: **natural** | crystal color: **caramel** | slanted edges

OAK

Oak wood is a symbol of strength, power, longevity, and wealth. It has beautiful warm color and distinctive grain pattern.

We've selected oak for our EYWA ART line because it is a precious wood to work with. Elegant EYWA ART readers made of oak add texture and sophistication to any space. This kind of hardwood is perfect for interiors where every inch tells a story. We use timber that has been properly seasoned and stabilized.

AGRG Reader EYWA Art Brick Intarsia Oak

EYWA Art Intarsia readers are uniquely designed using a technique of inlaying non-ferrous metals like gold, silver, platinum or copper into the prepared wooden surface.

The art of inlay has a history that dates back to before the 7th century in the Egyptian empire but it is still evolving alongside new technologies and new materials being discovered today. Proper wood processing makes our readers extremely durable as well as resistant to moisture and UV radiation. We can surely guarantee that our oak housings will look great for years.



MODEL: Brick Intarsia **Oak**

LINE: Art **SELECT**

CASE MATERIAL: oak

COLOR: natural

FEATURES: tangential cut

Vesta Group, Novosibirsk

EYWA ART

Wood Inlay

EYWA ART
INTARSIA

EYWA Art **SELECT** | Brick Intarsia **Oak** |
natural color | tangential cut

Exhibition Hall of Crystal Plant, Moscow



Crystal-clear light

EYWA ART CRYSTAL

EYWA Art NATUR | Velvet Ash | case color: natural | crystal color: black | slanted edges

AGRG Reader EYWA Art Crystal Alder / Maple

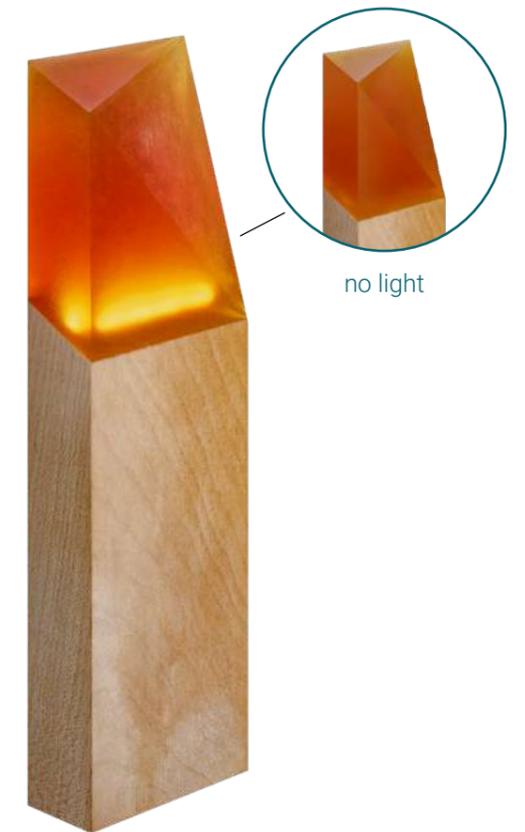
Like amber and crystals, unique timekeepers which embody the precious tears of the gods and the bright sunlight from myths and legends, epoxy resins combined with fine wood housing in **EYWA Art Crystal** readers create highly customizable designs to suit the most ambitious design projects.

Choose any degree of transparency: from icy-clear to pure matte. They look incredible and serve not only for beautiful access control and event alerting, but also to harmonize the space with a pleasant decorative illumination.

EYWA ART



no light



no light

MODEL: **Crystal Alder**

LINE: Art **NATUR**

CASE MATERIAL: alder

COLOR: gray

CRYSTALL COLOR: black

FEATURES: slanted edges

MODEL: **Crystal Maple**

LINE: Art **NATUR**

CASE MATERIAL: maple

COLOR: gray

CRYSTALL COLOR: caramel

FEATURES: slanted edges



MODEL: **Crystal Alder**
 LINE: Art **NATUR**
 CASE MATERIAL: alder
 COLOR: gray
 CRYSTALL COLOR: ice-clear



MODEL: **Crystal Maple**
 LINE: Art **NATUR**
 CASE MATERIAL: maple
 COLOR: gray
 CRYSTALL COLOR: champagne



MODEL: **Crystal Ash**
 LINE: Art **NATUR**
 CASE MATERIAL: ash
 COLOR: blue
 CRYSTALL COLOR: white



MODEL: **Crystal Maple**
 LINE: Art **NATUR**
 CASE MATERIAL: maple
 COLOR: natural
 CRYSTALL COLOR: verde-tangerine
 FEATURES: slanted edges



Get inspired by the diversity of color options in EYWA Art Crystal line.
 Point your phone's camera at the QR code to find out more:



<http://readers.agrg.ru/demo>



Admire the amazing combinations of polygons and polylines

EYWA ART DIAMOND



MODEL: Diamond **Maple**

LINE: Art **VELVET**

CASE MATERIAL: maple

COLOR: natural

FEATURES: surface panel light



MODEL: Diamond **Maple**

LINE: Art **VELVET**

CASE MATERIAL: maple

COLOR: blue

FEATURES: surface panel light

EYWA ART

Amazing textures.
Vibrant tactile sensations.

VELVET TEXTURE

AGRG Reader EYWA
Art Diamond Velvet

Feel the special sophistication of our new VELVET texture, now available in the EYWA Art line.

EYWA Art VELVET | Diamond Maple | blue | surface panel light



MODEL: **Diamond Maple**
 LINE: Art **NATUR**
 CASE MATERIAL: maple
 COLOR: natural
 FEATURES: surface panel light



MODEL: **Diamond Ash**
 LINE: Art **NATUR**
 CASE MATERIAL: ash
 COLOR: natural
 FEATURES: surface panel light



MODEL: **Diamond Ash**
 LINE: Art **NATUR**
 CASE MATERIAL: ash
 COLOR: blue
 FEATURES: surface panel light



MODEL: **Diamond Alder**
 LINE: Art **NATUR**
 CASE MATERIAL: alder
 COLOR: natural
 FEATURES: surface panel light

SELECT

Each reader looks spectacular. An impressive combination of lines and textures. Natural color, end grain.

VELVET

Velvet adds a touch of chic and sophistication to the interior. Rich texture and high decorative value. Signifies splendor and exclusivity.

NATUR

Nature in its purest form. Enjoy the tranquil nude palette of hand-picked wood.

**INTARSIA**

Vector stylization and polygonal geometric shapes create a stylish futuristic effect in contemporary interiors.

**DIAMOND**

Metal elements (gold, silver) bring the composition to a whole new level, making it even more precious and unique. Deluxe read-ers.

**CRYSTAL**

Epoxy resin decorative components refresh the look of a reader, resembling agate chips, purple amethyst druse, aquamarine fluorites, and transparent or pinkish quartz crystals.

Technical Information

Case Material	Stabilized solid premium wood
UID Card Reading Range ISO14443A	up to 3 cm
Em-marine UID Card Reading Range	up to 3 cm
Supply voltage	9V to 15V
Current limit	100mA
Operating temperature	-20°C to +60°C
Dimensions	20mm/120mm/50mm
RFID card format	125 KHz Em-marine (EM41XX), 13.56MHz (ISO14443A)
Interface	Wiegand 26, 34
Event Alerting	Polyphonic, event type-dependent, 8bit
Lighting	Various color options, event type-dependent, RGB LED
Interface Cable length (Wiegand)	300 mm
Housing Thermal Expansion Coefficient	$(1,0 \pm 0,2) \cdot 10^{-6} 1/K$
Shore D housing hardness (HDS)	≥ 45
Axial Shear Strength	$\geq 5 \text{ MPa}$ ($\geq 50 \text{ kgf/cm}^2$)
Loudspeaker	Broadband speaker, 0,5 W



EYWA Art NATUR | Diamond Ash | blue | surface panel light

Brick Intarsia line basic models

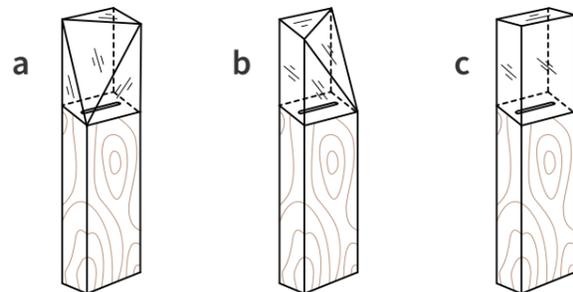
Nº	Item Code	Model	Wood / color / inlay	Features
1	AGRG-ART-B-S-I-OAK-B-G	AGRG Reader EYWA Art Brick Intarsia SELECT	Oak / natural beige / golden inlay	Light on the top, 8 bit sound, MF/EM
2	AGRG-ART-B-S-I-OAK-B-S		Oak / natural beige / silver inlay	
3	AGRG-ART-B-S-ASH-BL-G		Ash / natural beige / golden inlay	
4	AGRG-ART-B-S-ASH-B-G		Ash / natural beige / golden inlay	

Crystal line basic models

Nº	Item Code	Model	Wood / color / crystal color and shape*	Features
1	AGRG-ART-C(W)-N-ALDER-G	AGRG Reader EYWA Art Crystal NATUR	Alder / gray / white c	Light on the top, 8 bit sound, MF/EM
2	AGRG-ART-C(S)-N-ALDER-G		Alder / grey / silver c	
3	AGRG-ART-C(CH)-N-ALDER-G		Alder / gray / champagne c	
4	AGRG-ART-C(C)-N-ALDER-G		Alder / grey / ice-clear c	
5	AGRG-ART-C(BL)-N-ALDER-G		Alder/gray/black a + b	
6	AGRG-ART-C(WCH)-N-ASH-BR		Ash / brown / marine blue c	

*Shapes of the crystal

- a** – left slanted edges
- b** – right slanted edges
- c** – no slant



Diamond line basic models

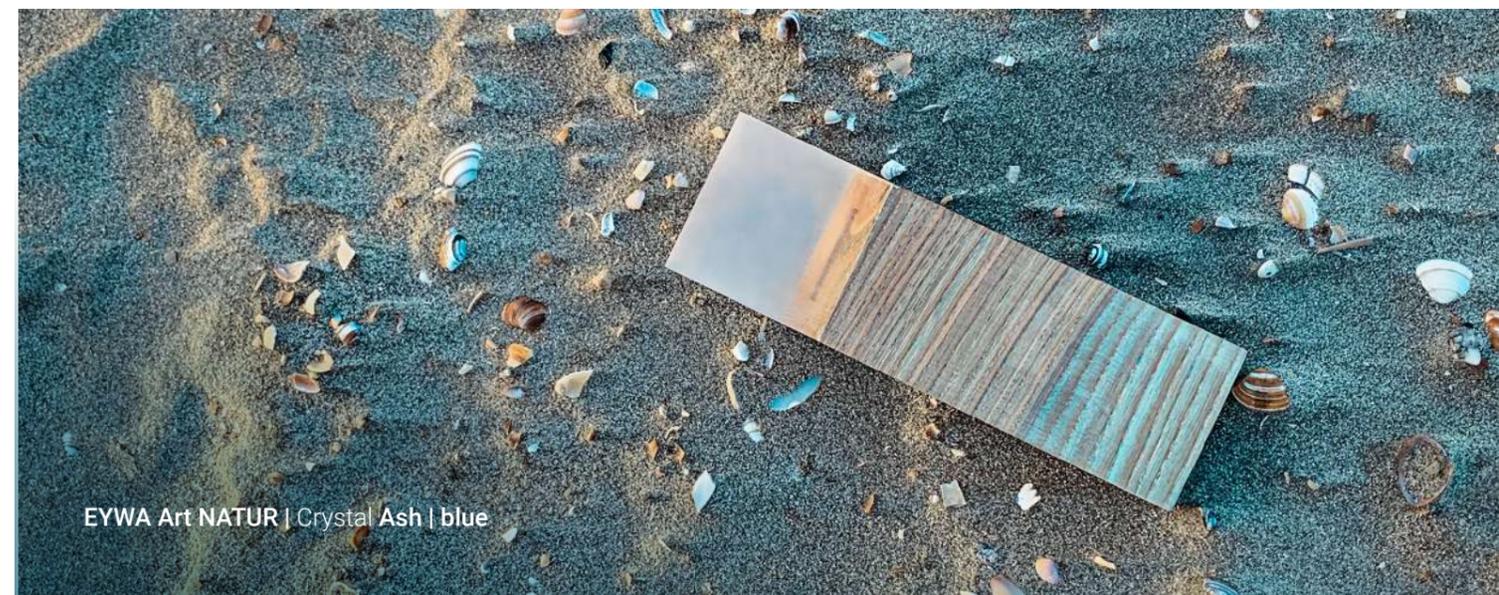
Nº	Item code	Model	Wood / color / type of grain	Features
1	AGRG-ART-D-V-MAPLE-B	AGRG Reader EYWA Art Diamond VELVET	Velvet maple / natural beige	Surface panel light, 8bit sound, MF/EM
2	AGRG-ART-D-V-MAPLE-T		Velvet maple/ turquoise	
3	AGRG-ART-D-N-ASH-BL	AGRG Reader EYWA Art Diamond NATUR	Ash / blue / horizontal	
4	AGRG-ART-D-N-ASH-B		Ash / natural beige / vertical	
5	AGRG-ART-D-S-ASH-BR	AGRG Reader EYWA Art Diamond SELECT	Ash / brown	

EYWA ART

We are constantly expanding our EYWA Art product range. Visit our website for the latest updates. Point your phone's camera at the QR code to find out more about **EYWA Art** line:



<http://readers.agrg.ru/models>



EYWA INDIVIDUAL

UNIQUE AS
NATURE.
UNIQUE AS
YOU ARE

Discover the practically limitless ways to express your design ideas and technical needs.

Choose any color and wood combinations from **AGRG EYWA Classics** & **AGRG EYWA Art** lines, mixing and personalizing to your heart's content (pages 39-40).

MORE STYLISH. MORE FUNCTIONAL



Customize Your Reader:

1 Logo placement

We offer a unique service of placing initials, logos and inscriptions on any device.

EXAMPLES:



EYWA NATUR | Brick Alder | gray



EYWA NATUR | Brick Ash | natural color

2 All RFID card support

- MIFARE® DESFire™
- MIFARE® Ultralight™
- MIFARE® Plus™
- MIFARE® Classic™
- ISO-14443A
- NTAG® NFC
- iCODE® / ISO-15693
- NDALA
- CheckPoint

3 Supported Interfaces

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

4 Resin Casting

INCLUS

The unique properties of epoxy resin allow us capture fleeting moments in nature.

Feel the breath of an autumn forest with a piece of moss beautifully embedded in resin.

A combination of limpid, tinted epoxy resin and encased glitter or gold / silver foil flakes, shimmering in the rays of interior lighting, will add a personal touch to access control elements in your space.

5 Event indication with natural sounds and playful light

AGRG EYWA devices blend sounds together with the breath of nature and reveal the inner world of each device. **EYWA Wave** is a library of specially selected audio-visual effects. With 256 variations of multicolor LEDs, you can choose the perfect light for your interior. Follow up with the right sound to bring the impression together.

EYWA Wave is your individuality embodied in our readers.

Nº	Theme	Colors and visual effects
1	Night City	Dimming white decorative light. Identifier accepted — blinking white. Access granted — orange. Access denied — blinking red.
2	Magic Winter	Subdued purple (decorative light). Identifier accepted — blinking blue. Access allowed — white. Access denied — blinking red.

Point your phone's camera at the QR code to look and listen

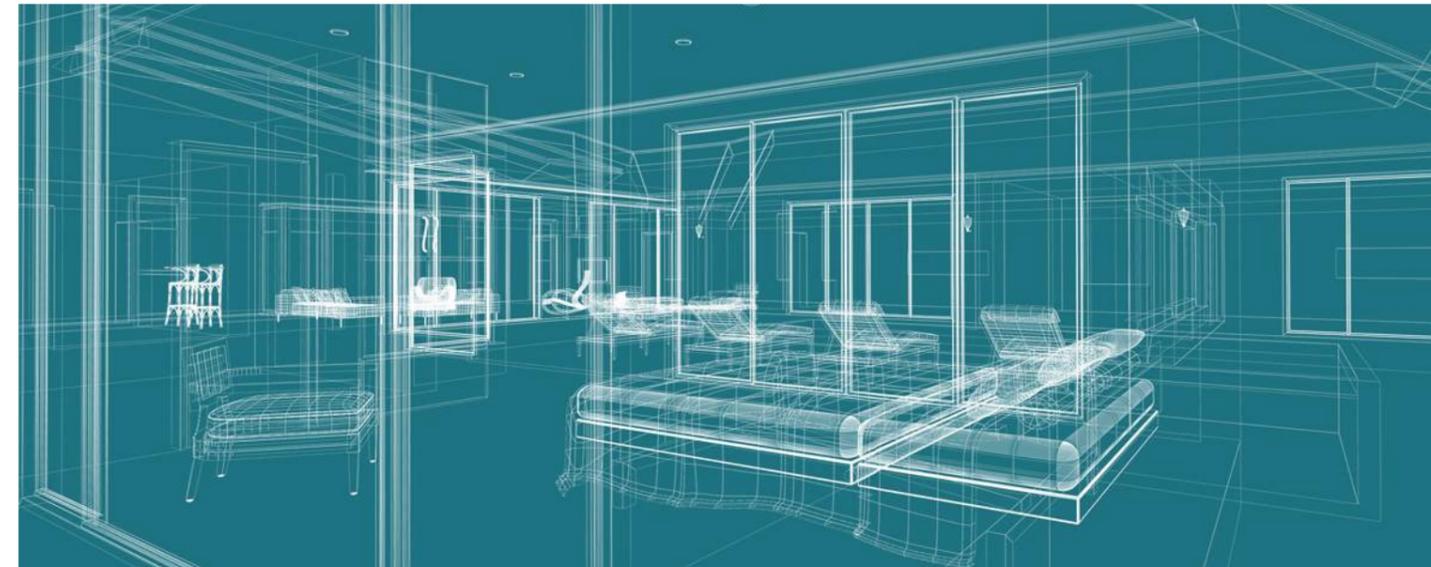


<http://readers.agrg.ru/demo>

Collaborate With Us

Reading devices as external elements of security systems should not conflict with the interior and spoil the impression of the space. Enhance the design of your existing workspace, concept floor plan for your company, functional business center, hotel, or villa. Send us your project, and we will help you to choose and try the most suitable samples of our products.

Whether you are a designer, architect, or a dealer, **AGRG** works directly with you to meet your special needs, as we believe that every project is unique.



Designers and Architects

When it comes to planning a new project, the choice of a perfect security system device can be tricky. If card readers or access control systems are not your cup of tea, call on our expertise for your residential or commercial project. We don't just offer cooperation, we work with you as a team. Our deep security industry knowledge, extensive experience and resources together with your professional approach to interior design and architecture will set your project up for success.

Become a Dealer

We build mutually beneficial relationships. At **AGRG**, we translate your clients' design wishes and technical requirements into a customized access control solution.

Our aim is to continuously exceed our customers' expectations in everything we do. Our products combine unique design, exclusive materials, and excellent technical properties. With over 11 years of experience, we know exactly how to draft tender documents, set up pilot projects, and complete technical assignments. Are you passionate about delivering exceptional experiences to your customers?

It's time to partner with a company that is laser focused on your success.

Call or email us:

info@agrg.ru | +7 (495) 104 57 57



<http://readers.agrg.ru>