



SCROLLING SIGNS AND STATIC ADVERTISING STRUCTURES

SMART SCROLLING SYSTEMS

SCROLLING BILLBOARDS

CITYLIGHTS

SMART BACKLIGHTING PYLONS

THREE-SIDED PYLONS

BACKLIT BILLBOARDS

ZIP-LOCK SCROLLER PAPER



DIMEDIA

Outdoor Designs for Professionals



ISO 9001:2015
ISO 14001

International certificates

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Dimedia

Application to control from a smartphone



SSS-100

SSS-76

SSS-55

Smart Scrolling System (SSS)

Digital sensorless systems for rewinding and positioning of advertising posters.

SSS systems are reliable, easy to install, operate and manage.

- GSM-monitoring and control system – 3G, LTE (4G)
- Light sensor
- No sensors or foil marks on posters
- No displacement of posters at their maximum number
- High system reliability and up to 2 years warranty
- Synchronization
- Mobile and web application for monitoring and controlling the system via Bluetooth
- Failure tracking
- Possibility to disable posters (fast poster skipping)
- Rotating shaft of high-quality aluminum alloy AD31
- Poster closer
- Operating temperature range -40 to +60 °C
- "Home poster" function
- Transfer of motor rotation → shaft (no belt or mechanical transmissions)
- Scrolling System and backlighting timers to save energy
- Rotation stop when the poster breaks
- Adjusting the display time of each poster
- Brushless motors, based on magnets

SSS-55 (up to 4,5 m²)



SSS-76 (up to 12 m²)



SSS-100 (from to 12 m²)



Scrolling System Equipment:

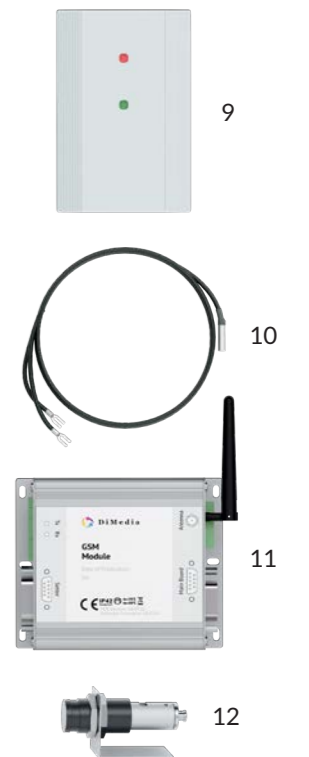
1. Upper motor
2. Lower motor
3. Control Unit
4. Power supply unit
5. Aluminum shafts with stiffening ribs
6. Shaft plugs
7. Mounting kit
8. Connecting wires

[Scrolling System installation instructions](#)

[Scrolling System manual](#)

Additional equipment:

9. Glass break sensor
10. Temperature sensor
11. GSM module
12. Door opening sensor



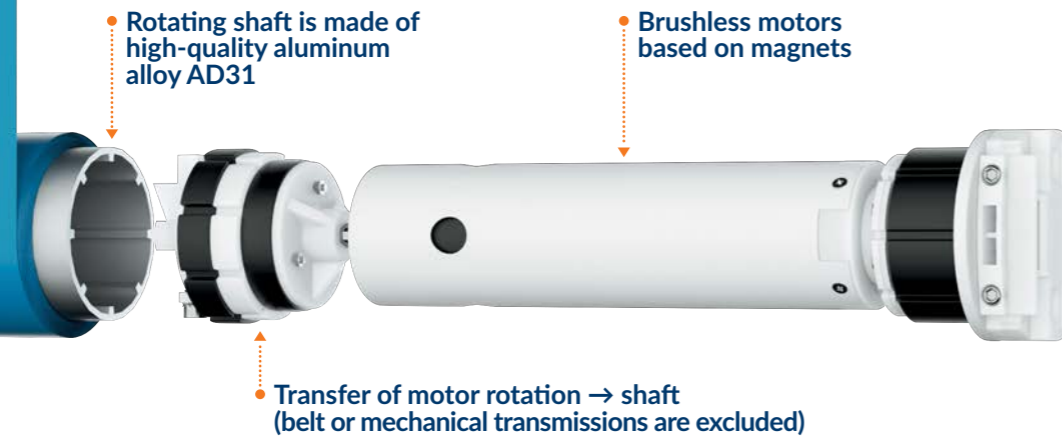
SSS-55
Citylights

SSS-76
Three-sided Pylons, Pylons,
Scrolling Billboards 6 m² (3 × 2 m),
Scrolling Billboards 8 m² (2 × 4 m),
Scrolling Billboards 10 m² (3.7 × 2.7 m)

SSS-100
Scrolling Billboards 15 m² (5.7 × 2.7 m)

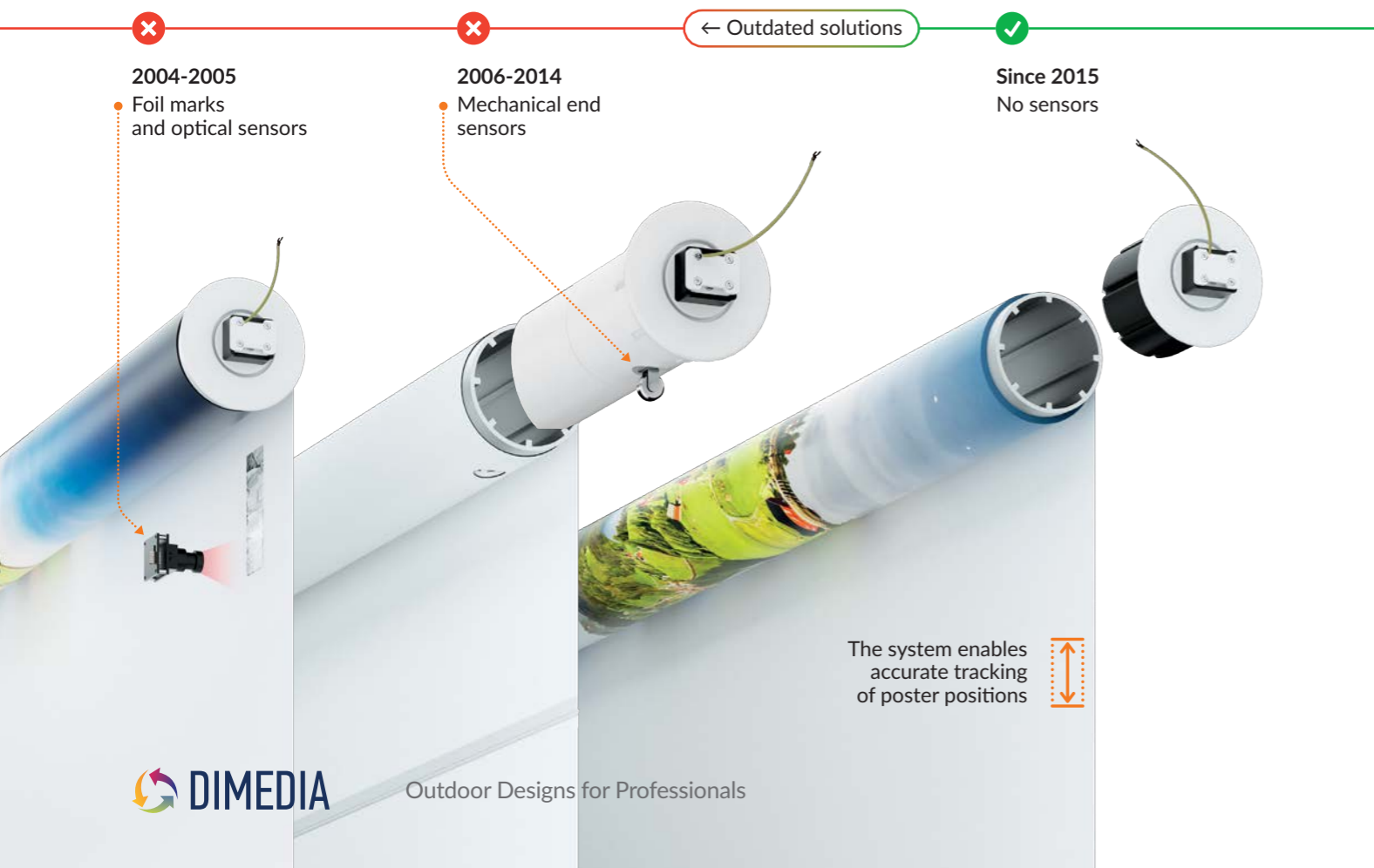
Motors

The main functions of the SSS (Smart Scrolling System) are controlled by the microprocessor, interacting with the brushless motors with increased motor lifetime.



Scrolling System Evolution

SSS (Smart Scrolling Systems) do not need any foiled marks and do not use optical and mechanical end sensors, which cause positioning failures and poster breaks.



Operation and Stability

The convenience of using SSS is ensured by its inherent safety margin and self-diagnostic systems.

- Rotation stop in the event of a poster break**
The system stops when one of the shafts does not move.
- Failure tracking**
The system monitors failures at the software level and corrects them by rebooting.

- Operating temperature range -40 to +60 °C**
The SSS have successfully proved themselves in various climatic conditions.

Synchronization

The module allows for simultaneous poster change in several designs, equipped with scrolling systems.

- By wires**
For the structures that are close to each other.
- By radio channel**
Does not require cabling between structures.

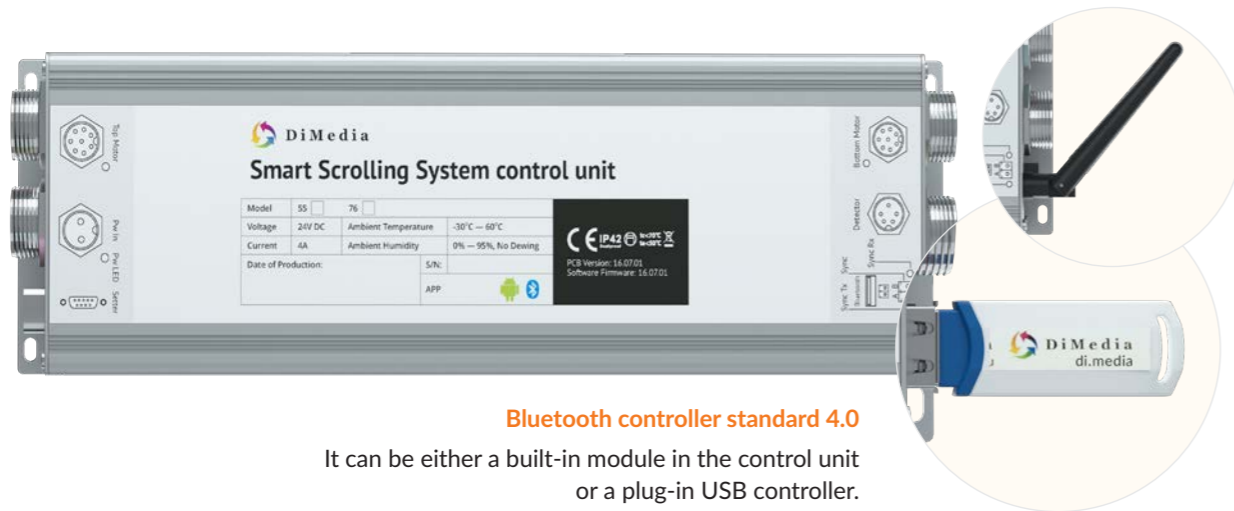


Display System

SSS are equipped with a number of useful poster demonstration functions.

- Possibility to turn off posters**
If one of the posters is no longer up to date, you can enable it to skip quickly during rewinding.
- Adjusting the display time for each poster**
Is possible for all posters as well as for each separately.
- "Home poster" function**
Sets the desired poster to be displayed after the system is shut down using the built-in timer.
- Positioning accuracy**
If the poster is cut incorrectly, the system will maintain positioning accuracy.

Smartphone Control Bluetooth interface



Bluetooth controller standard 4.0

It can be either a built-in module in the control unit or a plug-in USB controller.



DiMedia Application to control from a smartphone



More than 20 functions allow you to set up the system automatically and manually, manage the poster display time, motor operation and other parameters.

Remote Control

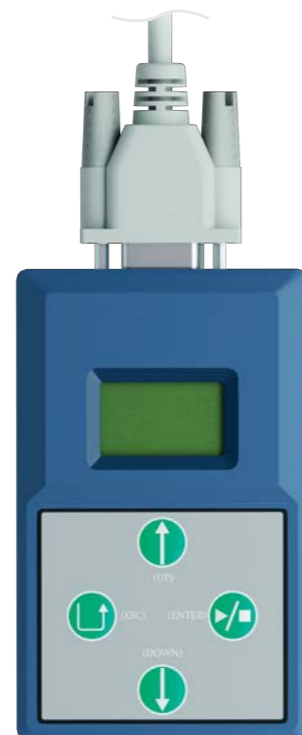
A method of controlling a scrolling system that requires the opening of a construction door and the connection of a special remote to the control unit by means of cable and COM-ports.

Remote Controller

Equipped with a monochrome two-line display, which displays information about the settings and status of the system

Control functions and system diagnostics

The control panel has 11 basic functions for setting up a scrolling system. When connected, the remote controller starts the automatic self-diagnostic function.



← COM cable

← Display

← Adjustment is carried out by means of four control buttons

GSM Monitoring System Web interface

Scrolling system monitoring and control service in any number of structures from your personal cabinet



Monitoring functions

Allows to carry out the control over a condition of advertising structures, their power supply, operation of scrolling systems, backlighting and other parameters.



Control functions

Provides remote configuration of scrolling systems and backlighting.



Installation of additional sensors

The monitoring can be extended with additional sensors, controlling, for example, the glass integrity or the doors opening.



SMS and e-mail alerts

The system sends failure notifications as well as data from the glass break and door opening sensors.



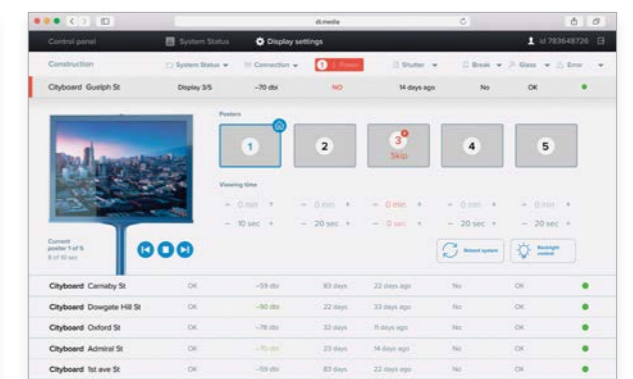
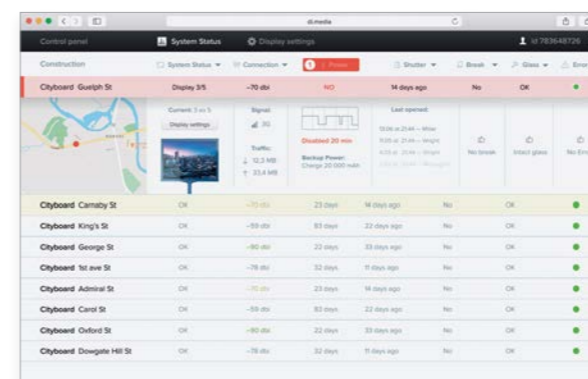
Logging all events

GSM monitoring system records all changes in the construction operation, allowing to restore the chain of events.



Internet access from anywhere in the world

All types of structures are connected to a secure monitoring and control network.



Backup Power and Energy Efficiency

Provides round-the-clock operation of scrolling systems in places where structures are connected to street lighting networks. At night, the device charges the batteries.



Installation of solar panels

A modern solution in the field of energy efficiency of advertising media.



Scrolling system timers and backlighting timers

Allows you to optimize your energy consumption.



Light sensor

Allows you to automatically control the power of the poster illumination depending on the light conditions.

The energy charge is sufficient for the scrolling system to operate during the following day after the street lighting is switched off.



Poster Closer

In the event of a power failure, the scrolling system will automatically end the poster change using the backup power.



No poster closer



With a poster closer



Installation of Industrial Gel Batteries

The system consists of a charger, rechargeable batteries and a charge controller.



Consumables

Zip-Lock (France)

It consists of two thin, semi-transparent polypropylene strips which, when joined, form a solid lock. It is equipped with a special zip fastener.

It is used for convenience of installation and dismantle of posters in advertising designs. Unlike sticky type, zip-lock is easily mounted in various weather conditions, reduces the time of posters replacement.

Features

Tape A – 17 mm

Tape B – 17 mm

Total width (with overlap) – 31 mm

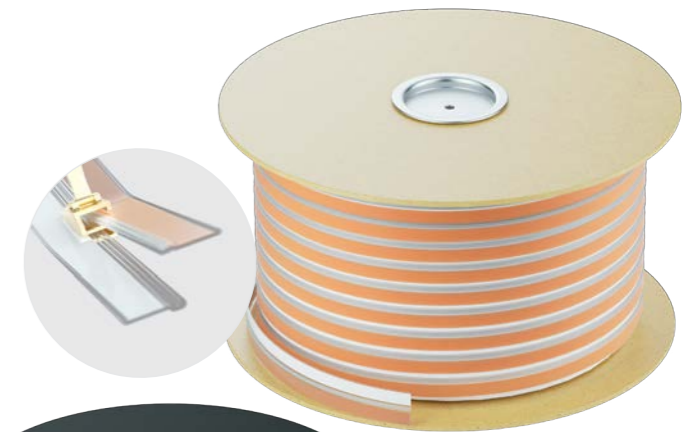
Fastening width (visible part) – 4 mm

Thickness – 0.5-2 mm



Quick poster replacement

Eliminates the need for posters to be glued together. Mounting is done by simply connecting two parts of the tape. Allows you to create a more accurate geometry of the connection posters.



Reel 800 meters



Reel 100 meters



High quality

It has a higher elasticity and durability than its competitors. Has a reliable glue layer. Produced in France.

Scroller paper

With a special laminated polymer layer that gives the paper strength without losing light transmission. It has a light weight, which reduces the mechanical load on the motors of roller systems. Suitable for printing with solvent, ecosolvent UV ink.

Features

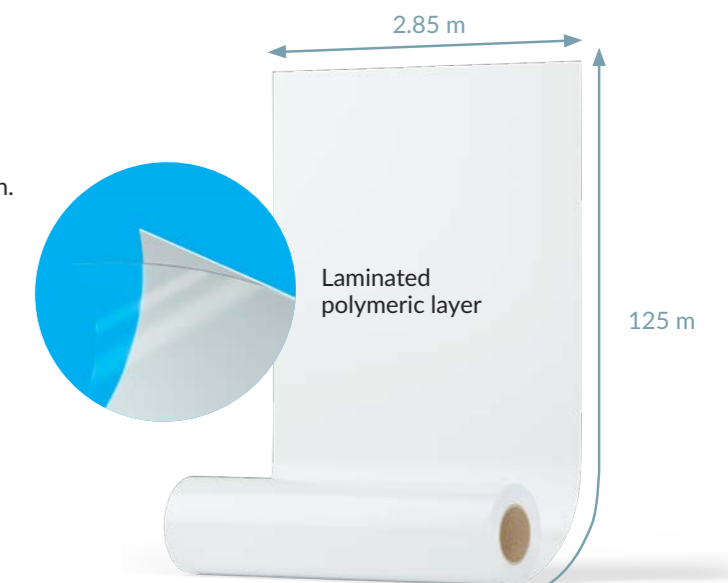
Winding – 125 m

Width – 2.85 m

Thickness – 142 microns

Weight – 170 g/m²

Number of posters in a roll – 38



Equal lighting

Scrolling paper evenly scatters the light of internal illumination over the entire surface of the poster.



Multifunctionality

Suitable for use in Citylights, Pylons, Three-sided Pylons, Scrolling Billboards and other light advertising structures.



Reliability

The paper has a high mechanical strength and tensile strength. It does not deform and does not lose elasticity at different temperatures.




Convenience of use


The roll is adapted to standard formats of advertising structures and does not need to be cut in width. Does not tear during installation.


SmartLED Backlighting


An LED canvas that is installed behind the poster instead of the normal LED backlighting and synchronized with the SSS (Smart Scrolling System).


Smart lighting creates an animated show with different lighting effects from conventional posters, attracting more attention.

 MP4, GIF file formats

 Loading via cable, Wi-Fi or USB flash drive

 Software for creating and downloading animations

 Timer switch-on and switch-off capability

 Synchronizes with the SSS series roller systems.



Smart Lighting Organization

The lighting canvas consists of panels with bright LEDs. Graphic control unit based on the loaded

animation video determines in what sequence and with what intensity the LEDs should light up.



LED panels
The density of distribution of LEDs allows you to form accurate contours, and their brightness is adjusted in the gradation of 256 tones.



Lighting control unit
Processes animated clips uploaded via Ethernet or USB cables.



Compatible with all models

Smart backlighting can be used on all models of advertising structures «Dimedia». In the development of smart backlighting, the main advantage was full synchronization with the Smart Scrolling Systems (SSS), which allows you to demonstrate up to 6 individually animated posters.



Examples of use

Smart backlighting significantly increases the efficiency of advertising in the dark and in poorly lit areas, such as the cinema hall.

Software and file upload

You will be able to create animations for smart backlighting in any suitable program. Smart backlighting supports common MP4 and GIF formats. The animation is loaded into the system by a special program.

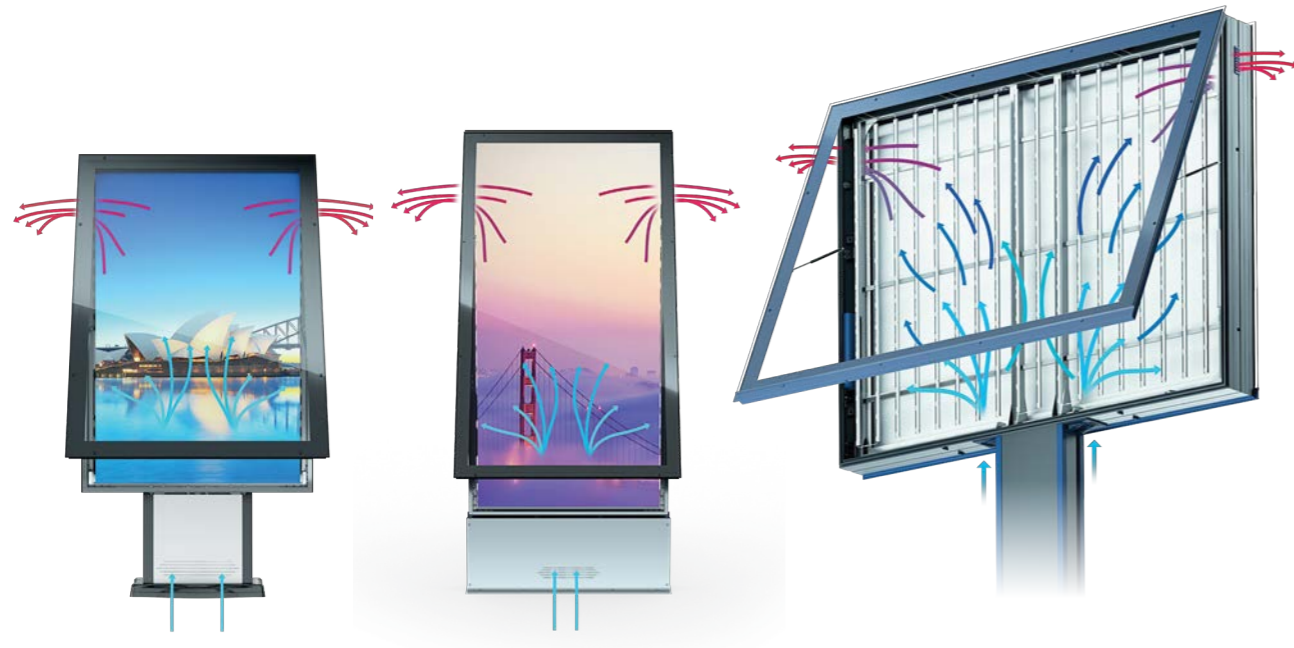


Ventilation

Ventilation holes are provided for natural air circulation to maintain the required internal temperature and humidity levels.



It is possible to install an active ventilation system for regions with high humidity or hot climate.



Fans
Remove hot air from the body



Ventilation grilles filters
Prevent dust from entering the construction

213 colors from the RAL Classic catalogue

The polymer powder painting method is used. End and front elements can be painted in different colors according to the customer's request.



Scrolling Billboards

Advertising boards with internal LED backlighting

6 m²

8 m²

10 m²

15 m²



About Structures

DiMedia Scrolling Billboards are made of special aluminum profiles using the technology of external superimposed glasses. It is possible to equip it with a sensorless scrolling system of the SSS series, controlled from a smartphone.

Structures can be single-sided or double-sided, with a round or rectangular support. Four standard sizes are available. The most common poster size is 15 m² (5.6 × 2.7 m).

All sizes can be customized.



Equipment Options

Sides of Scrolling Billboards can be equipped with various advertising media:



Statics
1 poster



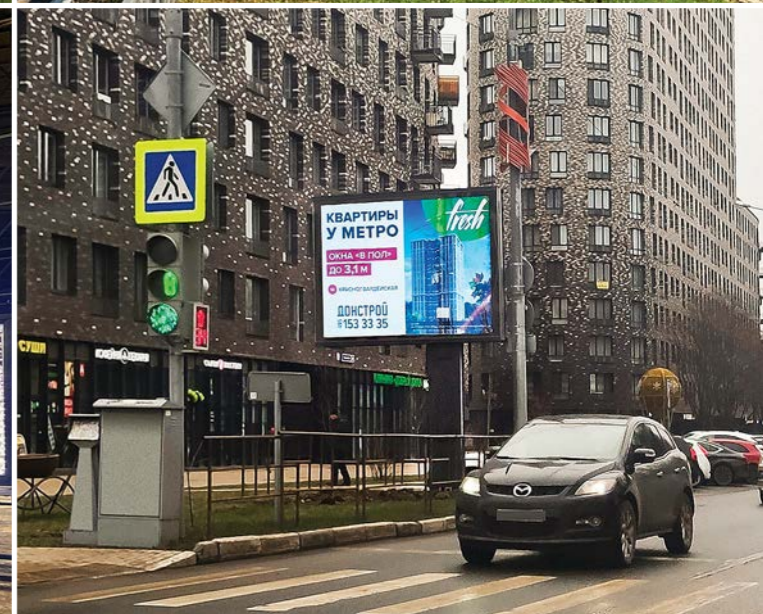
Scroller
up to 6 posters



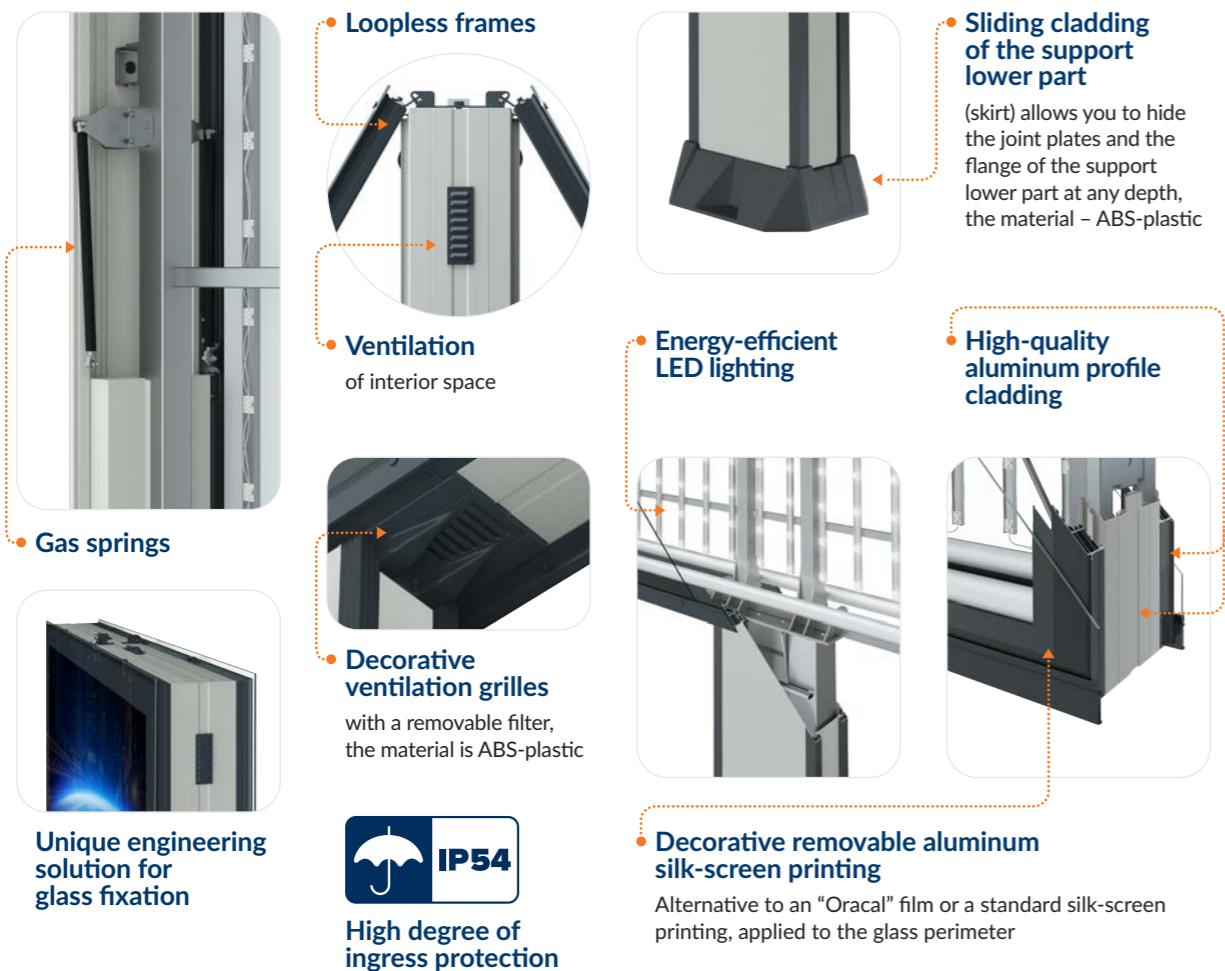
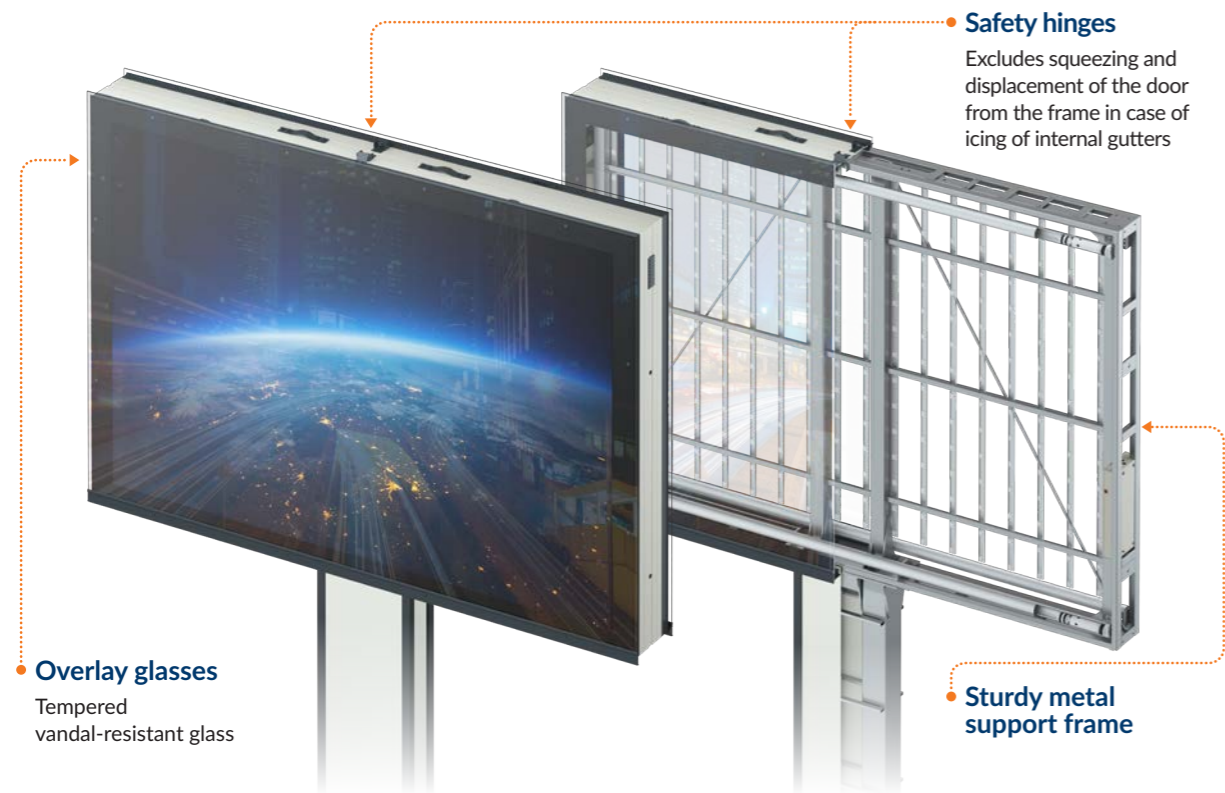
Scroller
and smart backlighting
up to 6 posters



LED screen



Features



Poles

Rectangular, round and square shapes are available. The ABS cladding conceals the joint plates and flange, and its sliding bottom part helps to conceal the anchor bolts, if the foundation is not deep enough.

The basic version has a center position, but if necessary, the pole can be left and right offset. Wall mounting and special double-section poles are available.

Pole Location Options



Left



Right



No Pole



Center

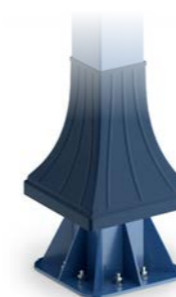


Double

Square pole **NEW**

Rectangular pole

Round pole



Two Frame Options

Frames with appropriate reinforcement are provided for different climatic conditions.

In case of strong wind loads, a double-circuit frame should be used.



Single-circuit
1 to 4 wind class, up to 16.8 m/s



Double-circuit
5 to 7 wind class, over 25.8 m/s.

Multi-Component Profile System

Unique development of seven profiles with IP54 protection against dust and moisture.

Hardened aluminum alloy 6063 (AD31) with high corrosion resistance.



LED Backlighting

It is evenly distributed over the entire construction area. Includes 168 to 420 LED modules on each side.

☀ Backlighting brightness ≈ 3,150 lumens per m²



LED modules
Bright LED backlighting with modules 5730 and IP67 ingress protection standard



Power Units
Reliable and waterproof, with sufficient power reserve



Connectors
Connect the wires of the LED modules quickly and reliably



Connection

SmartLED Backlighting option

An LED canvas that is installed behind the poster instead of the usual LED backlighting. Smart backlighting creates an animated show with different lighting effects from conventional posters, attracting more attention.



MP4, GIF file formats



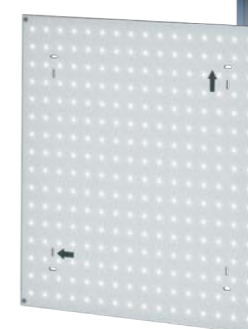
Software for creation and loading of animation clips



Download via cable, Wi-Fi or USB flash drive



Ability to switch on and off by timer



LED Smart Backlighting Module

Scrolling System option

Scrolling Billboards are equipped with the Smart Scrolling System (SSS) of models 76 and 100, showing up to six posters on one advertising surface.

Fine tuning of rewind, poster display time and other work parameters are possible. The system is equipped with a stop function when the poster breaks.



6+6

Up to six posters on one advertising surface



No sensors or foil labels on posters



High reliability of the system and other components. Warranty up to 2 years.



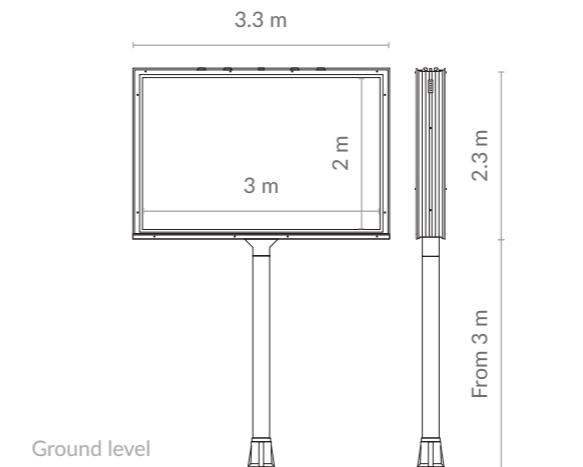
Configure and manage the system from your smartphone via Bluetooth



Back-up Power Supply option

Industrial gel batteries are used. The system consists of the battery charger, rechargeable batteries and the charging controller.

6 m² Scrolling Billboards



Standard Specifications

| | |
|-------------------------------|------------------------------|
| Maximum number of posters | Up to 6 |
| Power supply voltage | 220 V, 50 Hz |
| Thickness of glass | Tempered glass – 6, 8, 10 mm |
| Energy consumption | Up to 810 W |
| Operating temperature | From -40 to +60 °C |
| Protection grade | IP54 |
| Overall dimensions, W × H × D | 3,300 × 2,300 × 450 mm |
| Visible image size, W × H | 3,000 × 2,000 mm |
| Pole height | From 3 m |
| Total construction weight | 630 kg |
| Total image area | 6 m ² |

10 m² Scrolling Billboards



Standard Specifications

| | |
|-------------------------------|------------------------------|
| Maximum number of posters | Up to 6 |
| Power supply voltage | 220 V, 50 Hz |
| Thickness of glass | Tempered glass – 6, 8, 10 mm |
| Energy consumption | Up to 810 W |
| Operating temperature | From -40 to +60 °C |
| Protection grade | IP54 |
| Overall dimensions, W × H × D | 4,047 × 3,002 × 450 mm |
| Visible image size, W × H | 3,680 × 2,650 mm |
| Pole height | From 3 m |
| Total construction weight | 1,050 kg |
| Total image area | 10 m ² |

15 m² Scrolling Billboards



Standard Specifications

| | |
|-------------------------------|------------------------------|
| Maximum number of posters | Up to 6 |
| Power supply voltage | 220 V, 50 Hz |
| Thickness of glass | Tempered glass – 6, 8, 10 mm |
| Energy consumption | Up to 1200 W |
| Operating temperature | From -40 to +60 °C |
| Protection grade | IP54 |
| Overall dimensions, W × H × D | 5,940 × 3,050 × 450 mm |
| Visible image size, W × H | 5,600 × 2,700 mm |
| Pole height | From 3 m |
| Total construction weight | 1,650 kg |
| Total image area | 15 m ² |

Delivery Options

The Scrolling Billboard can be delivered either ready-made or as a self-assembly kit.



What is included in the delivery of a ready-made Scrolling Billboard:

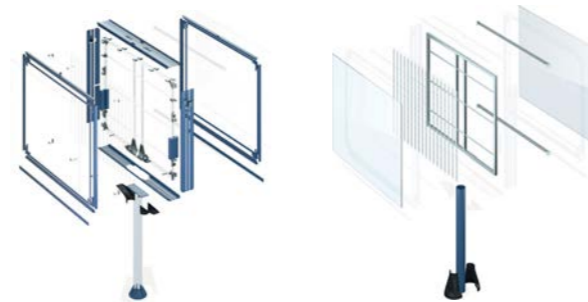
- Slipform head*
- Pole and its cladding
- Fixing elements
- Design Data Sheet
- Individual project

* Metal shipping slipway is used for safe transport, which is not included in the structure cost. Up to four Scrolling Billboards are transported in one slipway.

Self-assembly kit — Savings of up to 40%

This is a set of components for self-assembly of a Scrolling Billboard. The system consists of a basic kit and a self-purchase kit.

You can order a number of components at your location, for example, a metal frame and a pole, thus saving on delivery. Components such as glass can be ordered directly from your nearest factory, which will also reduce costs.



Basic kit

Includes the details on which our company specializes.

Self-purchase kit

A set of accessories, most of which can be purchased by yourself.

Delivery Plan

| | Complete set | Self-assembly kit |
|--|--------------|-------------------|
| Aluminum profile system | ● | ● |
| Lightweight and heavyweight fittings, locks | ● | ● |
| Gas springs | ● | ● |
| Rubber seals kit | ● | ● |
| Ventilation system | ● | ● |
| ABS-plastic pole top cladding | ● | ● |
| Design data sheet | ● | ● |
| Individual project | ● | ● |
| Tempered glass | ● | ● |
| Frame metal rolling (depending on the wind load) | ● | ● |
| Metal rolling for pole | ● | ● |
| Smart backlighting kit | ● | ● |
| Scrolling system kit | ● | ● |
| LED backlighting kit | ● | ● |
| Rods for tensioning system (statics) | ● | ● |
| ABS-plastic pole lower cladding | ● | ● |
| Electrical installation materials | ● | ● |
| Fixing systems | ● | ● |

● Included ● Optionally

Citylights

Advertising structures with visible image of 2 m²

Lux

Business

Hi-Tech



+7 3452 638030

www.di.media/citylight

About Structures

have bright internal LED backlighting and protective tempered glass. Can be equipped with the SSS (Smart Scrolling System).

Structures can be single-sided, double-sided or wall-mounted.

All sizes can be customized.

Placement Options



Floor
Standard type of accommodation on a pole.

Wall-mounted
Does not create obstacles in high-traffic areas.

Built-in
It can become a part of the interior and change the design.

In the bus shelter
Fits in any section.

Equipment Options

Sides of the Citylights can be equipped with different advertising media:



Statics
1 poster

Scroller
up to 6 posters

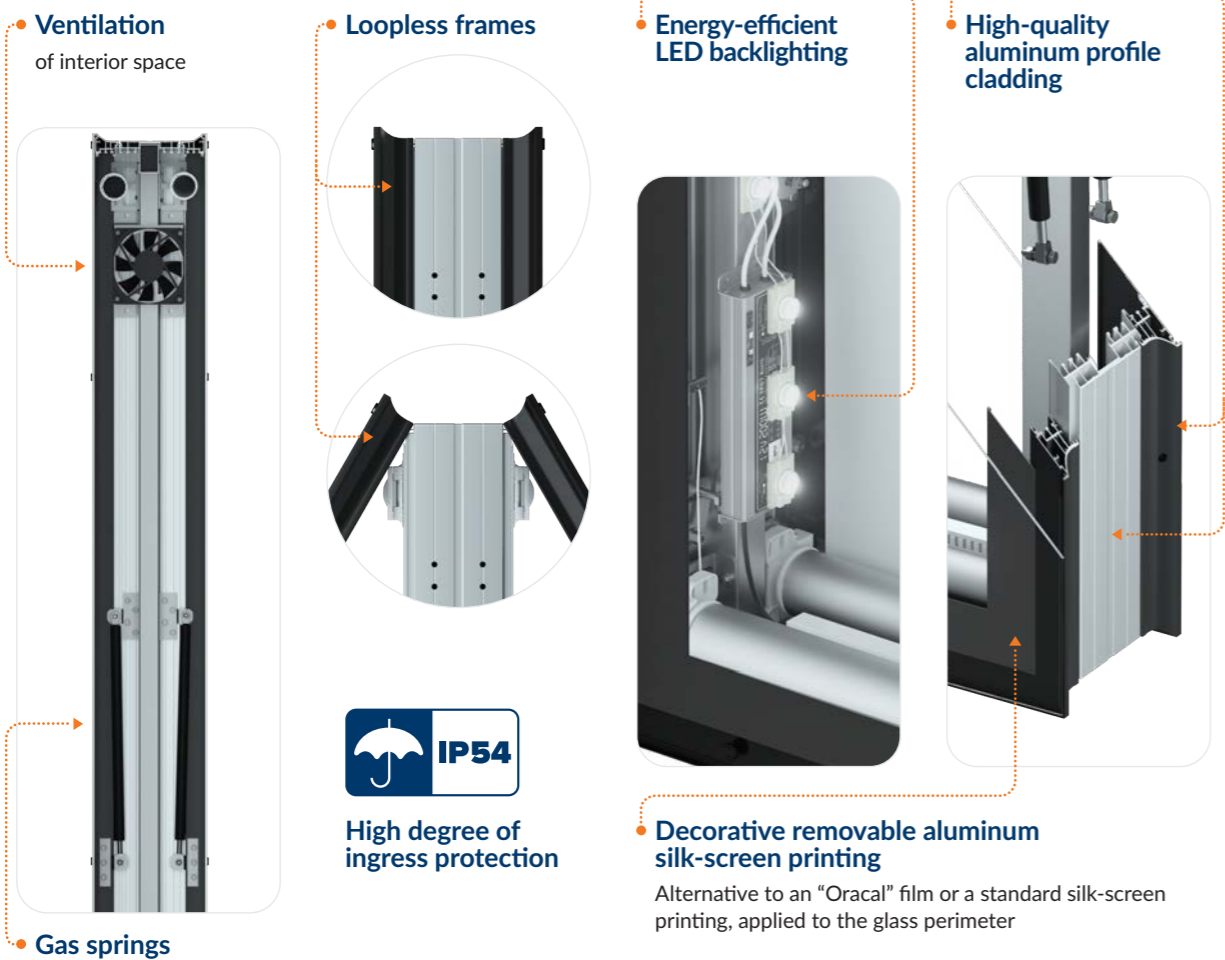
Scroller and smart backlighting
up to 6 posters

LED display

LCD display

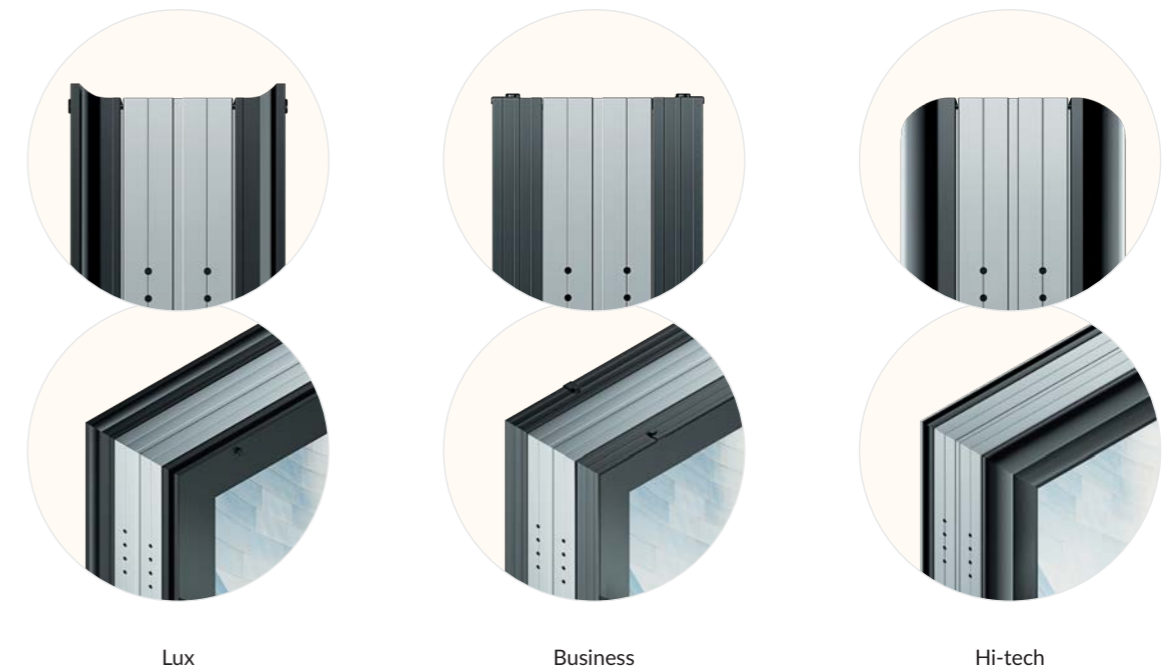


Features



Design Options

Three design models are available.



Poles

The standard height is 0.6 m, it can be increased per request.



Frame

The reinforced steel frame provides high rigidity, which is particularly important for the precise positioning of the scrolling system shafts and to match wind loads.



Multi-Component Profile System

Unique development of four profiles with protection against dust and moisture according to IP54 standard.

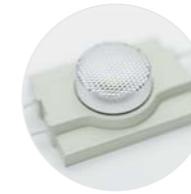
Hardened aluminum alloy 6063 (AD31) with high corrosion resistance.



LED Backlighting

It consists of 34 waterproof LED modules located on the end walls of the construction.

The scattering angle of 140 degrees provides equal lighting of the poster.



LED modules

Bright LED backlighting with SMD3030 modules and IP67 ingress protection standard



Power Units

Reliable and waterproof, with sufficient power reserve

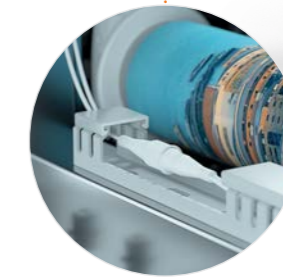


Connectors

Connect the wires of the LED modules quickly and reliably

60 W

4 760 lm



Connection

SmartLED Backlighting option

An LED canvas that is installed behind the poster instead of the usual LED backlighting. Smart backlighting creates an animated show with different lighting effects from conventional posters, attracting more attention.



MP4, GIF file formats



Software for creation and loading of animation clips



Download via cable, Wi-Fi or USB flash drive



Ability to switch on and off by timer

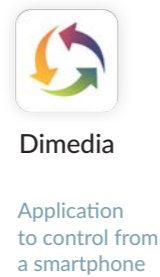


LED Smart Backlight Module

Scrolling System option

The Citylights are equipped with Smart Scrolling System (SSS) – model 55, which demonstrates up to six posters on one advertising surface.

Fine tuning of rewind, poster display time and other work parameters are possible. The system is equipped with a stop function when the poster breaks.



6+6 Up to six posters on one advertising surface

No sensors or foil labels on posters

High reliability of the system and other components. Warranty up to 2 years.

Configure and manage the system from your smartphone via Bluetooth



Back-up Power Supply option

Industrial gel batteries are used. The system consists of the battery charger, rechargeable batteries and the charging controller.

Specifications

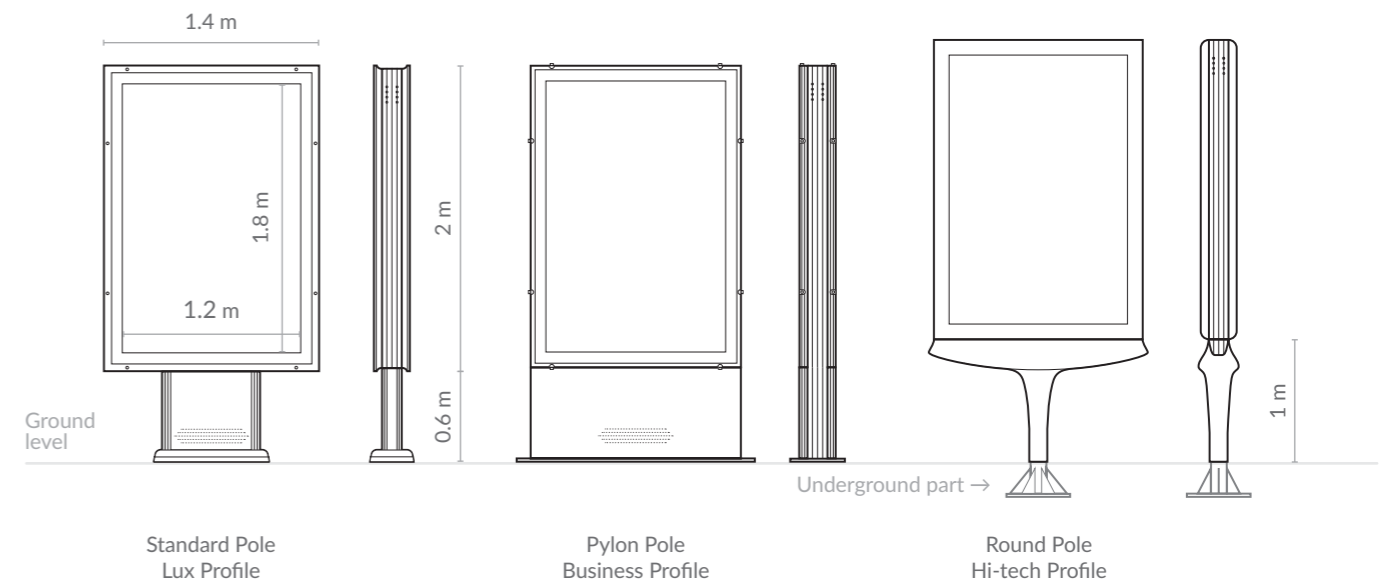
Standard Specifications

| | |
|-----------------------|-------------|
| Dimensions, W × H × D | 1.4 × 2 m |
| Visible image, W × H | 1.2 × 1.8 m |
| Pole height | 0.6 m |
| Glass | 4 mm |

Extra Options

- Configure and manage the system from your smartphone via Bluetooth
- GSM monitoring
- Solar panels

2 m²



Delivery Options

The Citylight can be delivered either ready-made or as a self-assembly kit.



What is included in the delivery of a ready-made Citylight:

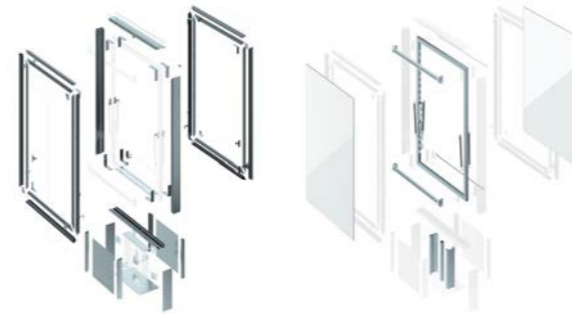
- Head part in wooden crate
- Pole in standard size 0.6 m
- Fixing elements
- Design Data Sheet
- Individual project

For safe transportation, a wooden crate is used, which is already included in the structure cost. Up to five Citylights can be transported in one wooden purlin.

Self-assembly kit — Savings of up to 40%

This is a set of components for self-assembly of a Citylight. The system consists of a basic kit and a self-purchase kit.

You can order a number of components at your location, for example, a metal frame and a fixing elements, thus saving on delivery. Components such as glass can be ordered directly from your nearest factory, which will also reduce costs.



Basic kit

Includes the details on which our company specializes.

Self-purchase kit

A set of accessories, most of which can be purchased by yourself.

Delivery Plan

| | Complete set | Self-assembly kit |
|---|--------------|-------------------|
| Aluminum profile system | ● | ● |
| Lightweight and heavyweight fittings, locks | ● | ● |
| Rubber seals kit | ● | ● |
| Design data sheet | ● | ● |
| Individual project | ● | ● |
| Tempered glass | ● | ● |
| Metal pipe frame 60x40 cm | ● | ● |
| Metal base of the pole | ● | ● |
| Gas springs | ● | ● |
| Smart backlighting kit | ● | ● |
| Scrolling system kit | ● | ● |
| LED backlighting kit | ● | ● |
| Rods for tensioning system (statics) | ● | ● |
| ABS-plastic pole lower cladding | ● | ● |
| Electrical installation materials | ● | ● |
| Fixing systems | ● | ● |

● Included ● Optionally

Three-sided Pylons

Three-edged structures with an advertising surface of 1.4 × 2.8 meters



About Structures

Equipped with three advertising surfaces 4 m² (1.4 × 2.8 m), bright internal LED backlighting and protective tempered glass. Well combined with urban architecture.

Can be equipped with the SSS (Smart Scrolling System). From 3 to 18 advertising posters can be placed in a Three-sided Pylon, depending on the modification.

All sizes can be customized.



Equipment Options

Three-sided Pylon sides can be equipped with various advertising media:



Statics
1 poster



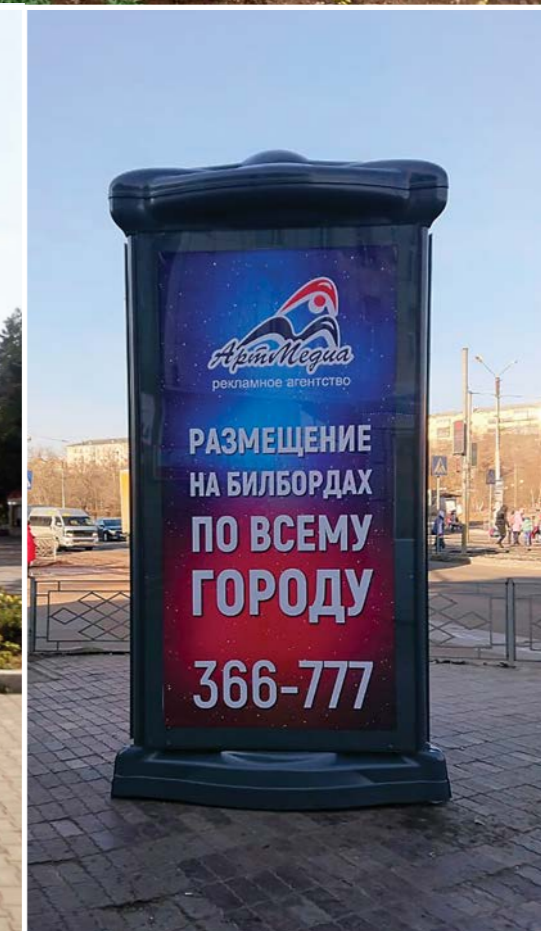
Scroller
up to 6 posters



Scroller
and smart backlighting
up to 6 posters



LED display



Features

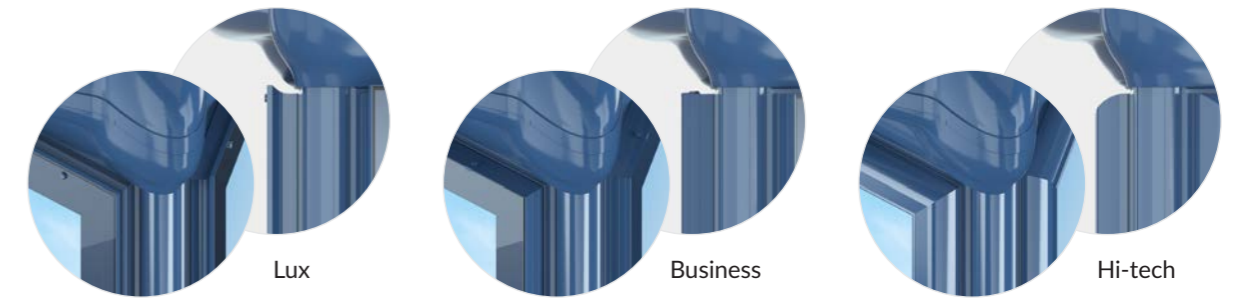


- **Overlay glasses**
Tempered vandal-resistant glass
- **Loopless frames**
- **Gas springs**
- **Sturdy metal support frame**
- **High quality aluminum profile cladding**
- **Decorative removable aluminum silk-screen printing**
Alternative to an "Oracal" film or a standard silk-screen printing, applied to the glass perimeter
- **Energy efficient LED backlighting**




Design Options and ABS Cladding

Profile Options




ABS cladding




Smart Three-sided Pylons

An additional equipment such as a Wi-Fi access point or audio system can be installed. This solution is suitable for public parks, boulevards

or embankments. A Three-Sided Pylon can be used as street book exchanges, flyer shelves or a showcase with creative 3D advertising.

 You can set up a Wi-Fi access point

 You can add a loudspeaker system



Frame

The stable steel frame provides high stiffness. It meets high wind loads and maintains the exact position of the scrolling system shafts.

The frame is collapsible and consists of separate elements that allows to reduce expenses at purchase of the self-assembly kit.



Multi-Component Profile System

Unique development of four profiles with protection against dust and moisture according to IP54 standard.

Hardened aluminum alloy 6063 (AD31) with high corrosion resistance.

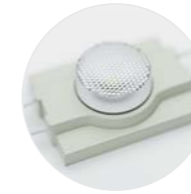


LED Backlighting

It consists of 120 waterproof LED modules, located on the end walls of the construction.

The scattering angle of 140 degrees provides equal backlighting of poster.

240 W
5 600 lm



LED modules

Bright LED backlighting with SMD3030 modules and IP67 ingress protection standard



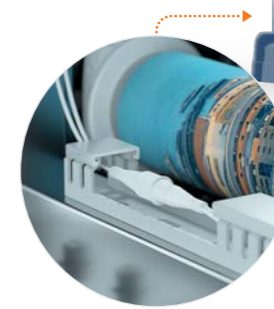
Power Units

Reliable and waterproof, with sufficient power reserve



Connectors

Connect the wires of the LED modules quickly and reliably



Connection



SmartLED Backlighting option

An LED canvas that is installed behind the poster instead of the usual LED backlighting.

Smart backlighting creates an animated show with different lighting effects from conventional posters, attracting more attention.



MP4, GIF file formats



Software for creation and loading of animation clips



Download via cable, Wi-Fi or USB flash drive



Ability to switch on and off by timer



LED Smart Backlight Module


Scrolling System option


Three-sided Pylons are equipped with the Smart Scrolling System (SSS) – model 76, showing up to six posters on one advertising surface.


Fine tuning of rewind, poster display time and other work parameters are possible. The system is equipped with a stop function when the poster breaks.

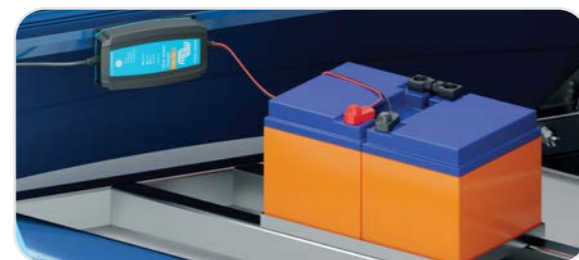


6+6+6 Up to six posters on one advertising surface

 No sensors or foil labels on posters

 High reliability of the system and other components. Warranty up to 2 years.

 Configure and manage the system from your smartphone via Bluetooth

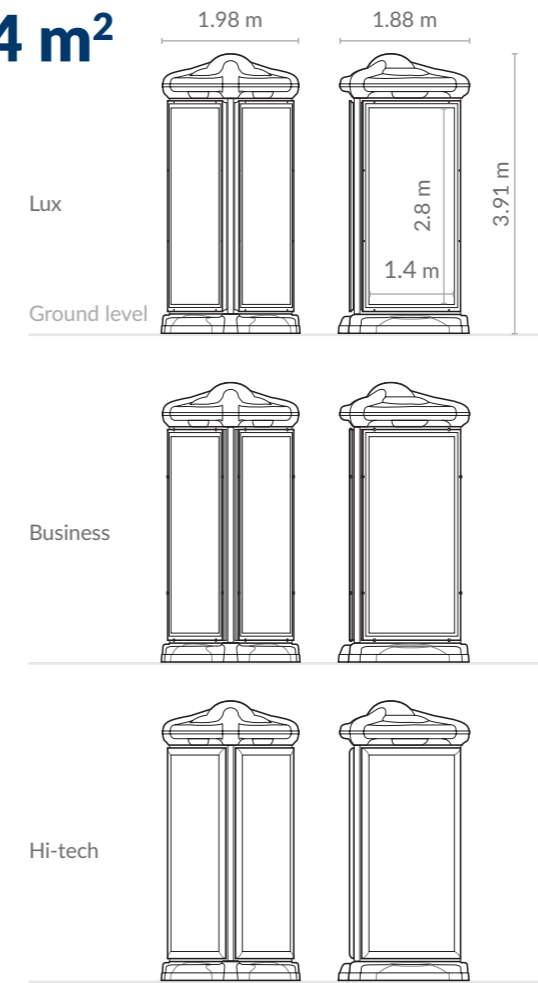


Back-up Power Supply option

Industrial gel batteries are used. The system consists of the battery charger, rechargeable batteries and the charging controller.

Specifications

4 m²



Standard Specifications

| | |
|------------------------------------|--------------------------|
| Maximum number of posters | 6+6+6 |
| Power supply voltage | 220 V, 50 Hz |
| Energy consumption | 540 W |
| Front side of the construction | Tempered glass 4 mm |
| Operating temperature | From -40 to +60 °C |
| Protection grade | IP54 |
| Construction dimensions, W × H × D | 1,980 × 3,910 × 1,880 mm |
| Visible image size, W × H | 1,400 × 2,800 mm |
| Glass size | 1,592 × 2,992 mm |
| Total construction weight | From 800 kg |
| Standard pole height | 270 mm |

Delivery Options

Three-sided Pylon can be delivered either ready-made or as a self-assembly kit.



What is included in the delivery of a ready-made Three-sided Pylon:

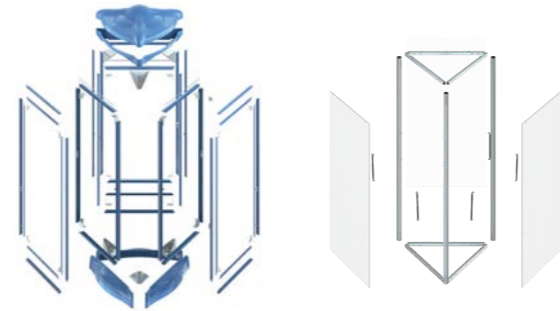
- The doors (sashes) in the wooden crate
- Metal frame in the wooden crate
- Fixing elements
- Decorative cladding of ABS-plastic
- Design Data Sheet
- Individual project

For safe transportation, wooden crate is used, which is already included in the structure cost. It is possible to transport up to six sashes in one crate. There is a separate crate for each frame.

Self-assembly kit → Savings of up to 40%

This is a set of components for self-assembly of a Three-sided Pylon. The system consists of a basic kit and a self-purchase kit.

You can order a number of components at your location, for example, a metal frame and a pole, thus saving on delivery. Components such as glass can be ordered directly from your nearest factory, which will also reduce costs.



Basic kit

Includes the details on which our company specializes.

Self-purchase kit

A set of accessories, most of which can be purchased by yourself.

Delivery Plan

| | Complete set | Self-assembly kit |
|---|--------------|-------------------|
| Aluminum profile system | ● | ● |
| Lightweight and heavyweight fittings, locks | ● | ● |
| Decorative cladding of ABS-plastic | ● | ● |
| Rubber seals kit | ● | ● |
| Design data sheet | ● | ● |
| Individual project | ● | ● |
| Tempered glass | ● | ● |
| Frame of 60 × 40 cm metal profile pipes and 89 mm round pipes | ● | ● |
| Gas springs | ● | ● |
| Smart backlighting kit | ● | ● |
| Scrolling system kit | ● | ● |
| LED backlighting kit | ● | ● |
| Rods for tensioning system (statics) | ● | ● |
| Electrical installation materials | ● | ● |
| Fixing systems | ● | ● |

● Included ● Optionally

Pylons

Advertising structures with visible image of 1.4 × 2.8 meters



About Structures

Have bright internal LED backlighting and protective tempered glass. Can be equipped with SSS (Smart Scrolling Systems).

Structures can be one-sided and two-sided.

All sizes can be customized.



Equipment Options

Sides of Pylons can be equipped with various advertising media:



Statics
1 poster



Scroller
up to 6 posters



Scroller
and smart backlighting
up to 6 posters



LED display



Features

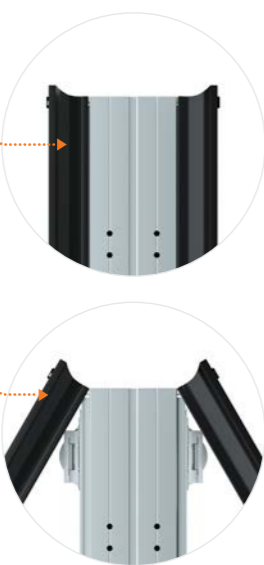


Ventilation
of interior space



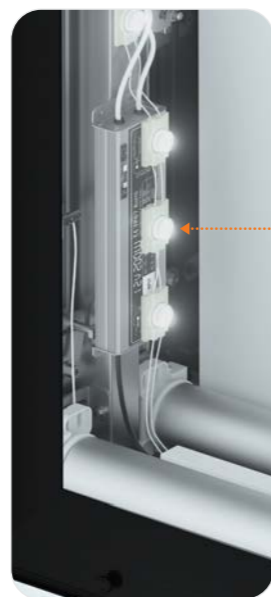
Gas springs

Loopless frames



High degree of ingress protection

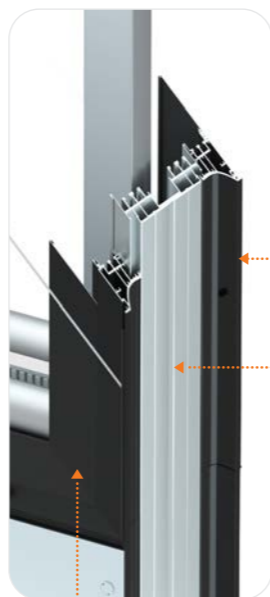
Energy-efficient LED backlighting



Decorative removable aluminum silk-screen printing

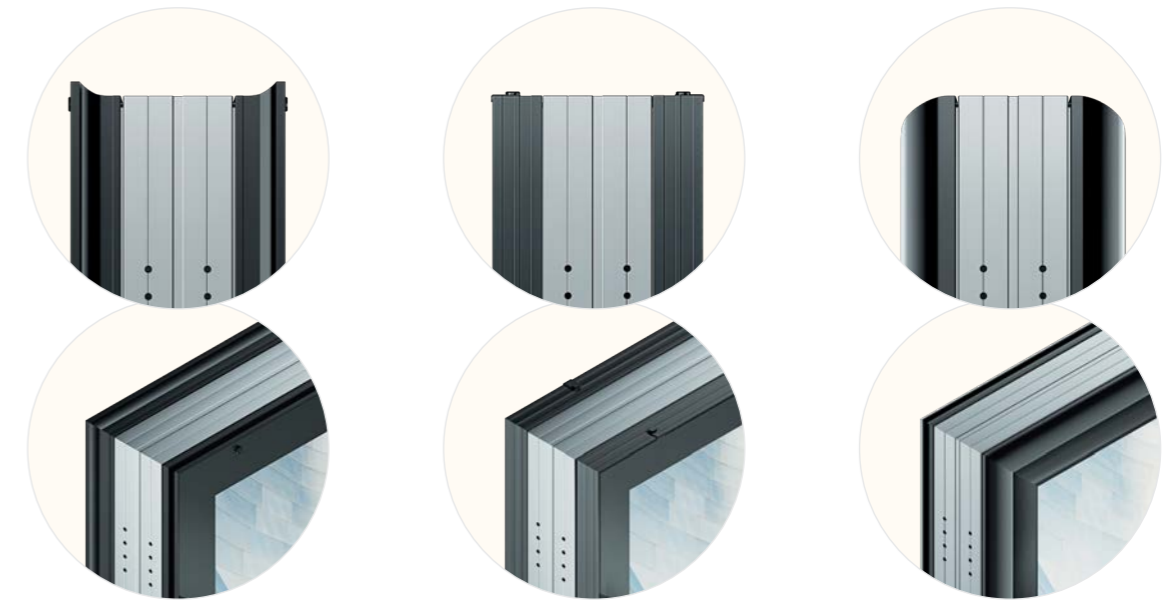
Alternative to an "Oracal" film or a standard silk-screen printing, applied to the glass perimeter

High-quality aluminum profile cladding



Design Options

Three profile design-models are available.



Lux

Business

Hi-tech



Lux

Business

Hi-tech

Frame

Solid, reinforced steel frame provides high stiffness. Meets high wind loads and maintains the exact position of the scrolling system shafts.



Multi-Component Profile System

Unique development of four profiles with protection against dust and moisture according to IP54 standard.

Hardened aluminum alloy 6063 (AD31) with high corrosion resistance.

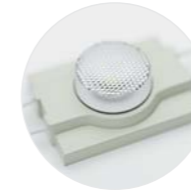


LED Backlighting

It consists of 34 waterproof LED modules, located on the end walls of the construction.

The scattering angle of 140 degrees provides equal backlighting of poster.

80 W
5 600 lm



LED modules

Bright LED backlighting with SMD3030 modules and IP67 ingress protection standard



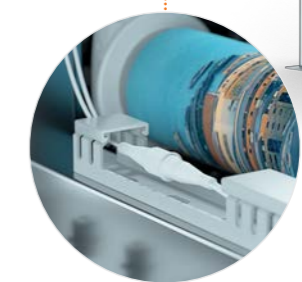
Power Units

Reliable and waterproof, with sufficient power reserve



Connectors

Connect the wires of the LED modules quickly and reliably



Connection



SmartLED Backlighting option

An LED canvas that is installed behind the poster instead of the usual LED backlighting. Smart backlighting creates an animated show with different lighting effects from conventional posters, attracting more attention.



MP4, GIF file formats



Software for creation and loading of animation clips



Download via cable, Wi-Fi or USB flash drive



Ability to switch on and off by timer



LED Smart Backlighting Module



Scrolling System option

Smart Scrolling System (SSS) – Model 76 – is installed in Pylons, showing up to six posters on one advertising surface.

Fine tuning of rewind, poster display time and other work parameters are possible. The system is equipped with a stop function when the poster breaks.



Dimedia

Application to control from a smartphone

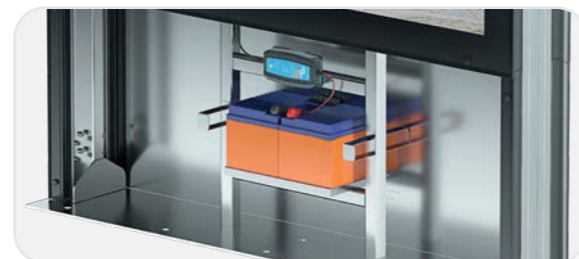


6+6 Up to six posters on one advertising surface

No sensors or foil labels on posters

High reliability of the system and other components. Warranty up to 2 years.

Configure and manage the system from your smartphone via Bluetooth



Back-up Power Supply option

Industrial gel batteries are used. The system consists of the battery charger, rechargeable batteries and the charging controller.

Specifications

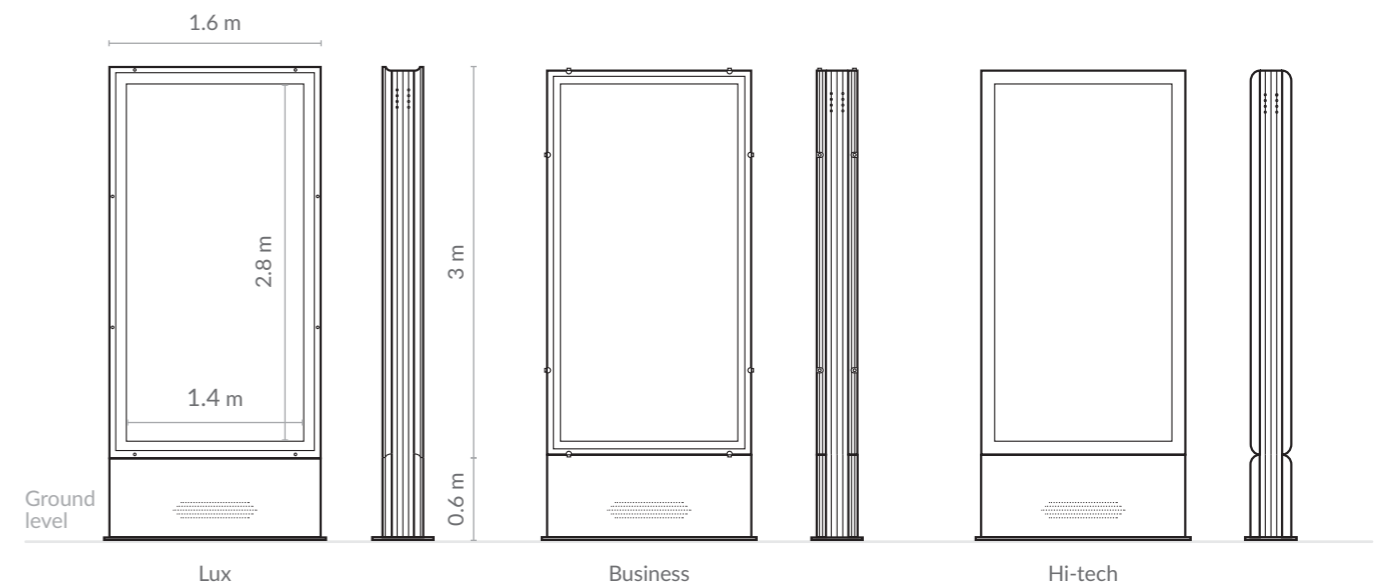
Standard Specifications

| | |
|-----------------------|--------------------|
| Dimensions, W × H × D | 1.6 × 3.6 × 0.24 m |
| Visible image, W × H | 1.4 × 2.8 m |
| Pole height | 0.6 m |
| Glass | 4 mm |

Extra Options

- Configure and manage the system from your smartphone via Bluetooth
- GSM monitoring
- Solar panels

4 m²



Delivery Options

The Pylon can be delivered either ready-made or as a self-assembly kit.



What is included in the delivery of a ready-made Pylon:

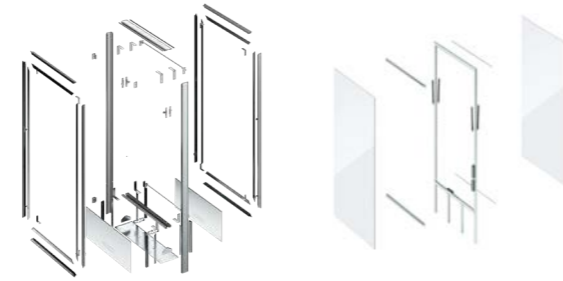
- Construction in the wooden crate
- Fixing elements
- Design Data Sheet
- Individual project

For safe transportation, wooden crate is used, which is already included in the structure cost. Only one structure can be transported in one crate.

Self-assembly kit — Savings of up to 40%

This is a set of components for self-assembly of a Pylon. The system consists of a basic kit and a self-purchase kit.

You can order a number of components at your location, for example, a metal frame and a pole, thus saving on delivery. Components such as glass can be ordered directly from your nearest factory, which will also reduce costs.



Basic kit

Includes the details on which our company specializes.

Self-purchase kit

A set of accessories, most of which can be purchased by yourself.

Delivery Plan

| | Complete set | Self-assembly kit |
|---|--------------|-------------------|
| Aluminum profile system | ● | ● |
| Lightweight and heavyweight fittings, locks | ● | ● |
| Rubber seals kit | ● | ● |
| Design data sheet | ● | ● |
| Individual project | ● | ● |
| Tempered glass | ● | ● |
| Metal pipe frame 60x40 cm | ● | ● |
| Gas springs | ● | ● |
| Smart backlighting kit | ● | ● |
| Scrolling system kit | ● | ● |
| LED backlighting kit | ● | ● |
| Rods for tensioning system (statics) | ● | ● |
| Electrical installation materials | ● | ● |
| Fixing systems | ● | ● |

● Included ● Optionally

Backlit Billboards

Advertising boards without glass, with internal LED backlighting and banner fixation system

6 m²

8 m²

10 m²

16 m²



About Structures

The absence of glare in the image during the day and the bright backlighting at night make Backlit Billboard an attractive advertising medium. It is available in four standard sizes.

Structures can be single-sided and double-sided, with a round or rectangular pole. The most common poster size is 16 m² (5.6 × 2.7 m).

All sizes can be customized.



Poster Fixation and Tensioning Systems

Two options of poster fixation and tensioning systems are available in the Backlit Billboards. The first uses special locks with a spring mechanism. The second option provides for the use of eyelets.

FastFix

Learn more about the FastFix at the next turn

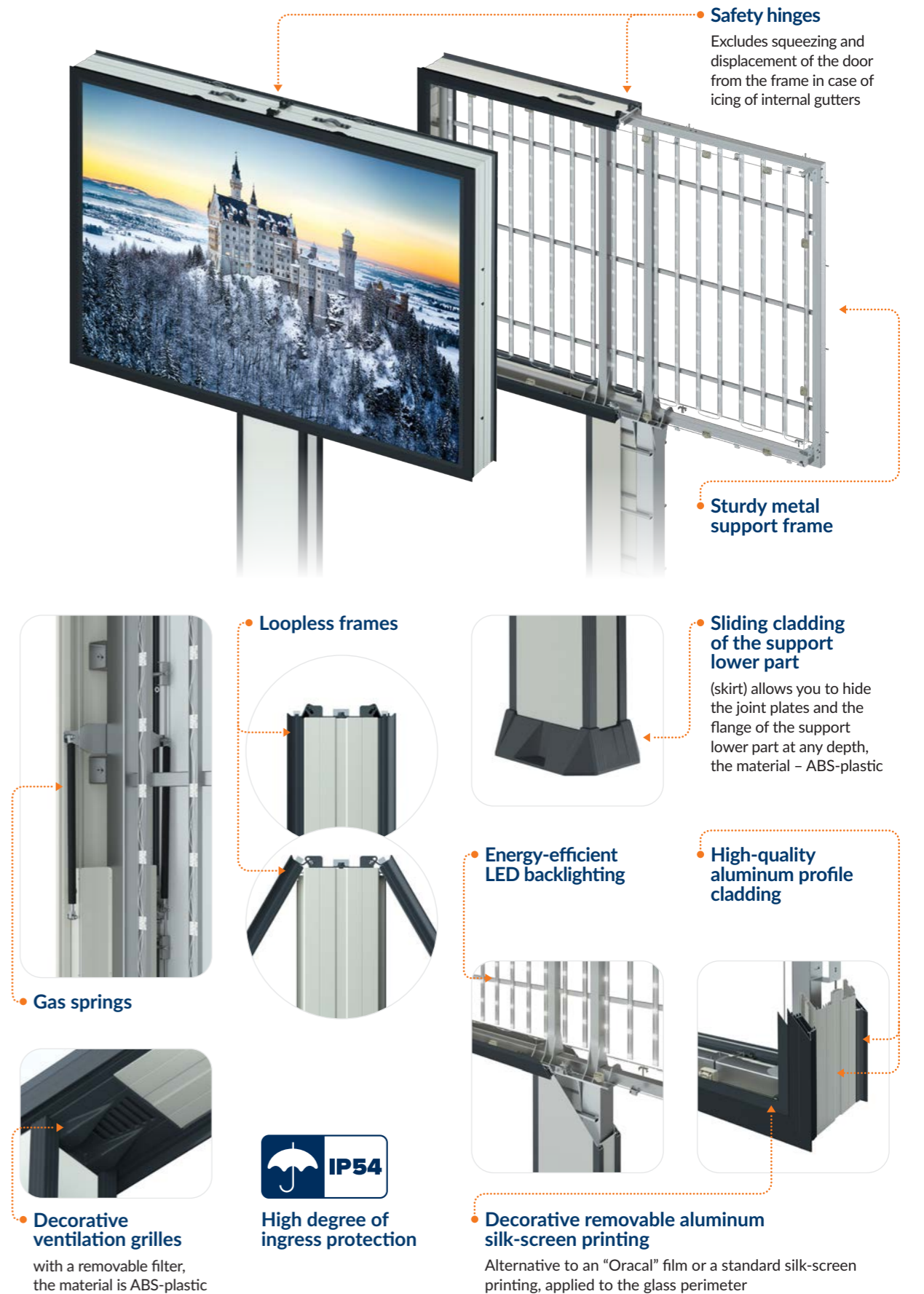


Standard tensioning system



Eyelet tensioning system





Features

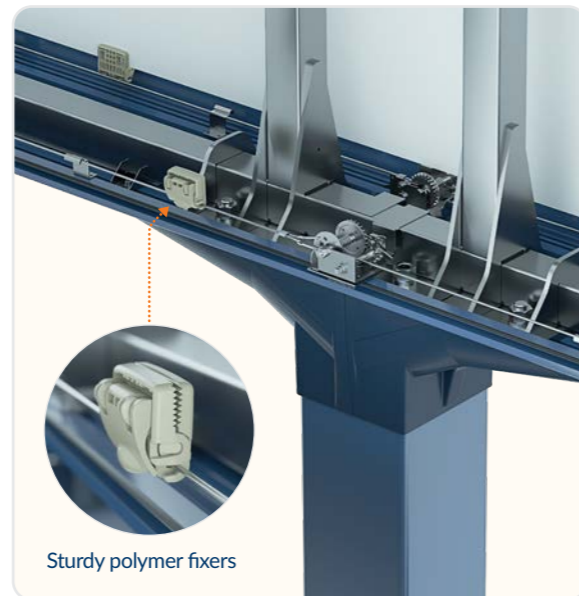


FastFix – Fast Fixation System

Innovative system for fixing and stretching the banner canvas all around the perimeter. Optimizes installation and maintenance costs by reducing the number of staff to one specialist.

Changing banners with FastFix is simple and convenient even when the surface area exceeds 100 m². You can replace the banner an order of magnitude faster than with a standard tensioning system.

-  Reliable banner fixation mechanism
-  Unlimited dimensions from 1 m²
-  High speed banner replacement
-  Cost Optimization



Poles

Rectangular, round and square shapes are available. The ABS plastic cladding hides the joint plates and flange and its sliding bottom helps to hide the anchor bolts if the foundation is not sufficiently buried.

The basic version has a center position, but if necessary, the pole can be left and right offset. Wall-mounted pole and a special double-section pole are available.

Pole Location Options



Square pole **NEW**

Rectangular pole

Round pole



Two Frame Options

Frames with appropriate reinforcement are provided for different climatic conditions.

In case of strong wind loads, a double-circuit frame should be used.



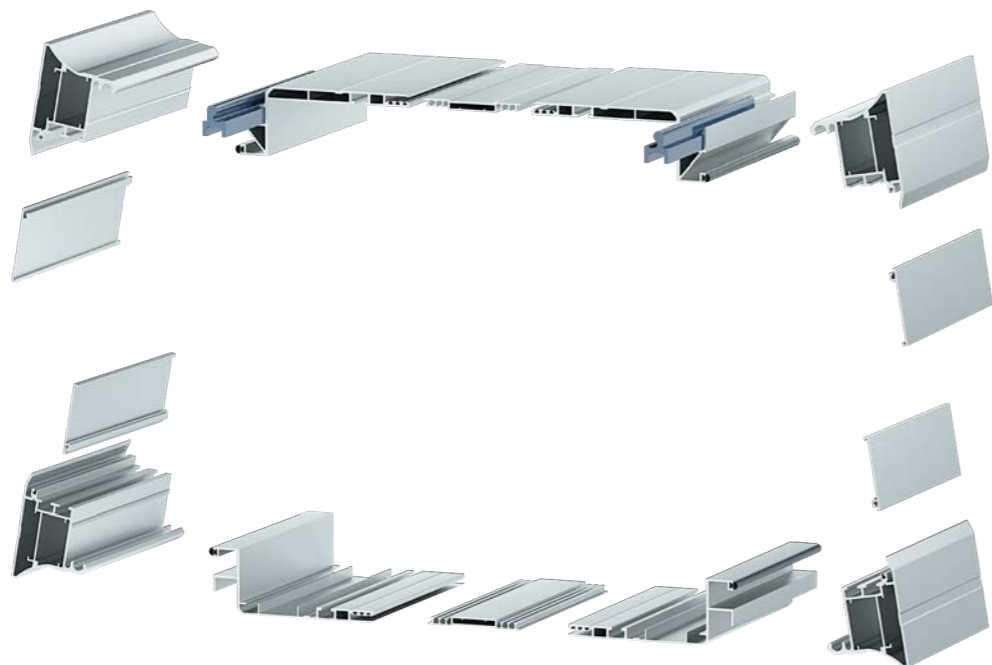
Single-circuit
1 to 4 wind class, up to 16.8 m/s



Double-circuit
5 to 7 wind class, over 25.8 m/sec

Multi-Component Profile System

Hardened aluminum alloy 6063 (AD31) with high corrosion resistance.



LED Backlighting

It is evenly distributed over the entire construction area. Includes 168 to 420 LED modules on each side.

☀ Backlighting brightness ≈ 3,150 lumens per m²



LED modules
Bright LED backlighting with modules 5730 and IP67 ingress protection standard



Power Units
Reliable and waterproof, with sufficient power reserve



Connectors
Connect the wires of the LED modules quickly and reliably



Connection

SmartLED Backlighting option

An LED canvas that is installed behind the poster instead of the usual LED backlighting. Smart backlighting creates an animated show with different lighting effects from conventional posters, attracting more attention.



MP4, GIF file formats



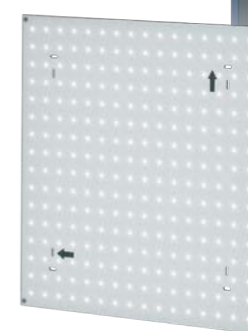
Software for creation and loading of animation clips



Download via cable, Wi-Fi or USB flash drive

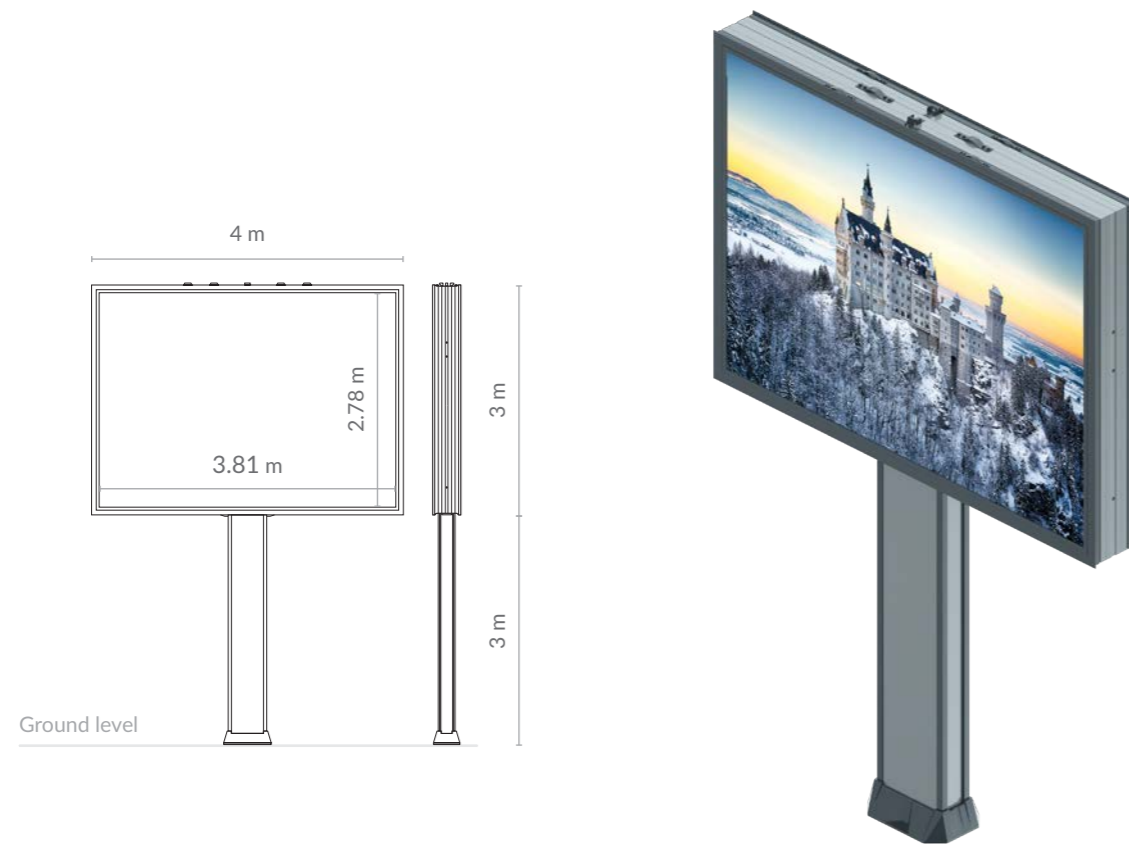


Ability to switch on and off by timer



LED Smart Backlighting Module

10 m² Backlit Billboards



Standard Specifications

| | |
|-------------------------------|------------------------|
| Maximum number of posters | 1+1 |
| Power supply voltage | 220 V, 50 Hz |
| Energy consumption | 648 W |
| Operating temperature | From -40 to +60 °C |
| Protection grade | IP54 |
| Overall dimensions, W × H × D | 4,020 × 2,990 × 425 mm |
| Visible image size, W × H | 3,760 × 2,730 mm |
| Pole height | From 3 m |
| Total construction weight | 570 kg |
| Total image area | 10 m ² |

16 m² Backlit Billboards



Standard Specifications

| | |
|-------------------------------|------------------------|
| Maximum number of posters | 1+1 |
| Power supply voltage | 220 V, 50 Hz |
| Energy consumption | 840 W |
| Operating temperature | From -40 to +60 °C |
| Protection grade | IP54 |
| Overall dimensions, W × H × D | 5,940 × 3,040 × 425 mm |
| Visible image size, W × H | 5,680 × 2,780 mm |
| Pole height | From 3 m |
| Total construction weight | 1,050 kg |
| Total image area | 16 m ² |

Delivery Options

The Backlit Billboard can be delivered either ready-made or as a self-assembly kit.



What is included in the delivery of a ready-made Backlit Billboard:

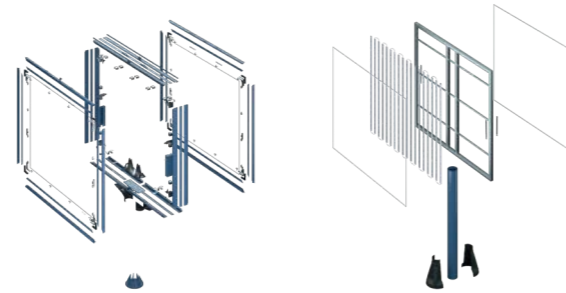
- Slipform head*
- Pole and its cladding
- Fixing elements
- Design Data Sheet
- Individual project

* For safe transport, a metal shipping slipway is used, which is already included in the structure cost. Up to four Backlit Billboards are transported in one slipway.

Self-assembly kit — Savings of up to 40%

This is a set of components for self-assembly of a Backlit Billboard. The system consists of a basic kit and a self-purchase kit.

You can order a number of components at your location, for example, a metal frame and a pole, thus saving on delivery. Components such as glass can be ordered directly from your nearest factory, which will also reduce costs.



Basic kit

Includes the details on which our company specializes.

Self-purchase kit

A set of accessories, most of which can be purchased by yourself.

Delivery Plan

| | Complete set | Self-assembly kit |
|---|--------------|-------------------|
| Aluminum profile system | ● | ● |
| Lightweight and heavyweight fittings, locks | ● | ● |
| Gas springs | ● | ● |
| Rubber seals kit | ● | ● |
| Pole upper cladding of ABS plastic | ● | ● |
| Design data sheet | ● | ● |
| Individual project | ● | ● |
| Frame rolled metal (depending on wind load) | ● | ● |
| Pole rolled meta | ● | ● |
| Smart backlighting kit | ● | ● |
| LED backlighting kit | ● | ● |
| Rods for tensioning system (statics) | ● | ● |
| Pole lower cladding of ABS plastic | ● | ● |
| Electrical installation materials | ● | ● |
| Fixing systems | ● | ● |

● Included ● Optionally

Logistics

We deliver with our own trucks or with the help of transport companies.

If necessary, we deliver by rail in containers. To the countries far abroad delivery is carried out by sea ways, also in containers.

Full safety during shipping is ensured by optimal stacking and secure fastening of the product.



Savings of up to 30%

Our special delivery method is Self-assembly kit allows you to save up to 30% of the cost of products by significantly reducing the cost of transporting components to the place of installation.



Finished structures

Up to 80% high capacity with Self-assembly kit

> 600
delivery directions

7 days
minimum delivery time

> 200,000 km
our fleet of cars passes through every year



Our company

“DiMedia” was founded in 2004. The main direction of our work is the design and production of ready-made solutions for urban infrastructure.

DiMedia is one of the leading manufacturers of advertising structures in the domestic CIS market.

In 2018, the company entered the international market and continues to consolidate its position.



Security

Our customers share with us their experience of urban infrastructure products exploitation in various climate conditions. We help them to find solutions.

Our production works in double shifts and ensures stability of delivery times. Each design component is subjected to strict quality control.



Quality

When manufacturing our products we take into account the conditions of the operating sites. Our profile systems are developed according to IP standards with protection against dust and moisture. We use only hard aluminium alloy 6063 (AD31) with high corrosion resistance.

We pay particular attention to the security of electronic components. We provide natural and active ventilation to prevent condensation and equipment overheating.

Our products are painted in our own paint-spraying booth. We use a polymer-powder coating method.



Confidence in future

Profile systems and supporting structures are checked with calculations of nodal loads. This is described in the standard projects that are provided for each product.

All mechanical and electronic systems go through load testing. We choose the perfect parameters to ensure durability.

The software is developed by teams of experts. We are currently working on cloud computing technologies for remote control and monitoring of our advertising structures.

25

types of products
and over 200 models
and modifications

> 12,000

of structures produced
since 2004

65,000 m²

of metal and glass are used
in our designs every year

7

Our designs are installed
in 7 countries around the world

> 600

delivery destinations –
from Western Europe to the Far East

> 3 000

our designs have been assembled by
our clients themselves
on our clear instructions

> 200,000 km

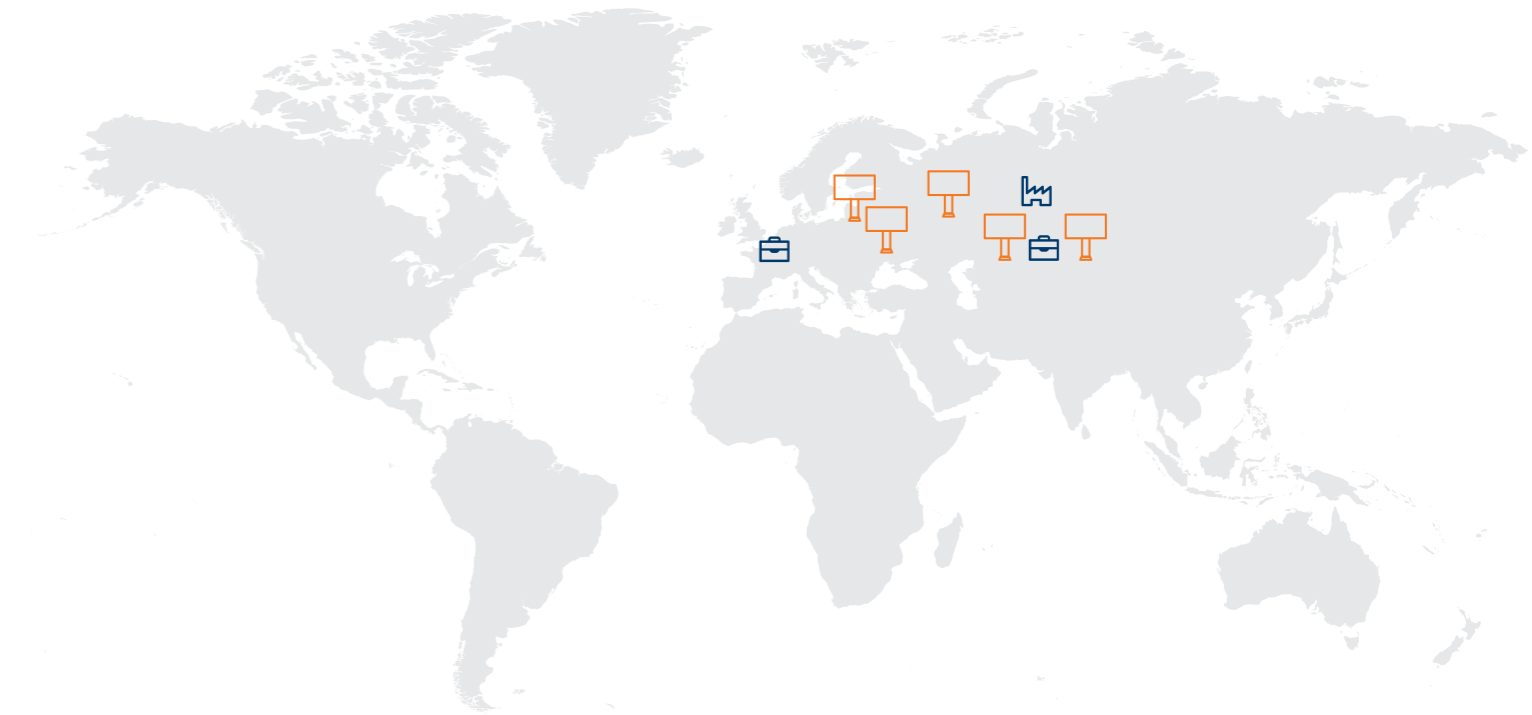
our fleet of cars passes
through every year

7 days

minimum delivery time

1 year

minimum warranty
on all designs



Delivery

We deliver our products with our own trucks or transport companies. If necessary, transport in containers by rail. To far abroad countries we ship by sea routes in containers.

Complete safety during transportation is ensured by optimal stowage and secure fixing.

Our special way of delivery "Self-assembly kit" allows you to save up to 30% of the cost of transportation due to the reduction of volume necessary for transportation.



Design

Aluminium profile systems, load-bearing structures and exterior elements, which give each model a unique image, are the designs of "DiMedia" engineers.

Collaborations with different design studios and an attentive attitude towards project development became important components of the company's success.



Geography

Our products are installed in more than 400 settlements in 7 countries. Our main goal is further strengthening of our position in the international market of advertising and social infrastructure.

In 2018, we opened a representative office in France that provides sales and a full range of warranty and post-warranty services in Europe.

Since 2019 we have participated actively in the largest international exhibitions in Europe, where we have demonstrated both the flagship models and the latest developments. In the same year the international version of our site was launched.



Warranty Service

"DiMedia" offers its clients warranty and post-warranty service.

All products are accompanied by clear documentation, including foundation preparation and installation details.

Engineering documentation is supplemented by individual requirements having consideration for construction sites.

It is possible to send specialists for personnel training, monitoring installation and maintenance.

History

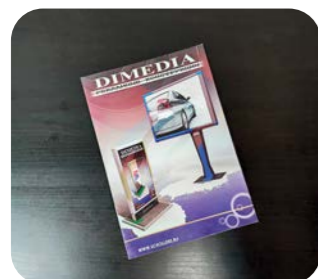
For 17 years we have been accumulating experience in designing advertising structures and objects of the urban environment. We patented our developments, improved our production and delivery. We entered the nearest foreign markets and were fixed on them. We've been accommodating at local and international expositions.

2004

Opening of production, development of the first advertising structures. Sale of the first batch of billboards. The company's website was opened.

2005

Start of production of all-metal stopping pavilions. Preparation of new advertising structures. Opening of the engineering department.



2006

The production of roller displays based on the digital roller system with mechanical endstops has started.

2008

The first exposition of the company at the international exhibition "Advertising-2008". Scroller's presentation with automatic electric lifts. New DSS (digital scrolling system) roller system and products based on it.



2009

Production of dynamic Three-sided Pylons has been launched. For the first time ever, design systems were put on sale, allowing the customer to assemble and install the structures independently on an easy and clear instruction.

2010

We launched a product line of new design – High-tech. Advertising benches and Bus Shelters with a lightbox advertisement without glass were designed. Full transition to LED lighting and the company's entry into the LED screen segment.

2011

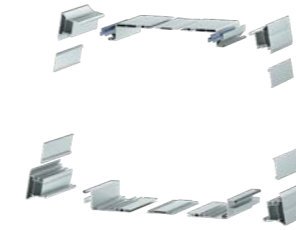
New designs "Screenboard", on the one hand – LED screen, on the other – roller display up to eight posters

2013

A subsidiary metal processing and steel structure production center was opened. Presentation of stopping pavilions with Digital Citylights.

2012

The first annual catalogue of products is published. In the future, these catalogues will be sent to customers at each delivery. The production area has been increased. A new type of product profile has been developed – iPhone's Design, which later transforms into a line of products "Lux". A number of new video structures are presented, including Digital Billboards with frontal service, Three-sided Digital Pylons and a Digital Citylights.



2014

The company turns 10 years old. A new aluminum profile system is being launched. Overlaying glass is a new approach to glazing large advertising structures.

2015

A new series of advertising structures "Lux" is presented, the distinguishing feature of which are overhead glasses, as well as a combination of modern style and classics. The modular advertising and information index are developed. Transition to sensorless scrolling system.



2016

Presentation of the fully sensorless roller system of the SSS (smart scrolling system) series. The system of remote monitoring of advertising structures and the option to control the roller system from your smartphone via Bluetooth are presented.

2017

Presentation of dynamic backlighting for SSS (smart scrolling system) roller systems.



2018 (III quarter)



Representative office has been opened in France.

2019 (I quarter)

Participation in the international exhibition in Amsterdam ISE 2019. Production of outdoor LCD solutions with increased brightness from 3000 cd was launched.

2020

Presentation of our smart bus shelter with separate standing pylon on "Infotech" forum in cooperation with the largest digital operator of Russia "Rostelecom". The new bus shelter unites the development of two companies in the area of "Safe city" and "Comfortable environment".

2018 (II quarter)

Development of GSM modules are completed for remote control and monitoring of roller systems.





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