

Outdoor LCD 2m² double sided digital unit Forum Model



Technical description

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Overview

Colors



Metal Chain grey
JCD 7002

Or any other color
among JCDecaux color
chart

- Two LCD 86" screens,
equivalent to
a 2 m² display on
each face
- Ultra HD resolution
3840 x 2160 pixels
- LED backlighting,
luminance up to
3500 Cd/m² adapted
to outdoor conditions



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Presentation

Unit designed for dynamic communication applications by displaying full motion animations (videos), image sequences or text

General description

Unit featuring two digital screens built into a casing fixed to a foot fitted with skirts anchored to the ground

Adcase

Unit comprising a metal frame trimmed with sections accommodating the front screen and control units

Rear face equipped with a door accommodating the screen hinged at the top and held open by struts

Weather-tight

Equipped with a ventilation system to ensure operation whatever ambient temperature and humidity conditions

Anchoring

Unit anchored into a buried concrete foundation to conceal the fixings

Fitted with an electrical supply duct, data transmission cable and an earth tail

Structure and foundation designed according to the region in which the unit is installed in respect with Snow and Wind local conditions

Digital display description

Resolution

86-inch LCD 16/9 portrait format high-luminance screens
Ultra HD resolution 3840 x 2160 pixels
Excellent definition for close-up reading and from a distance (up to at least 50 m)

Visibility

Luminance up to 3500 Cd/m²

Controlled by the ambient light to ensure good light output day and night and to minimise power consumption.

Screen designed for visibility in all weather conditions (rain, sun, cloud)

Anti-glare protection treated glass

Screen equipped with last generation LED matrix backlight allowing local dimming to provide deep contrast colors

Reliability

Forced ventilation to keep internal temperature below 50°C and extend the service life of the electronic circuitry

Displayed contents

Enables display of Full HD contents (1920x1080) with enriched resolution up to Ultra HD

(3840x2160) thanks to an algorithm

Ready for displaying native Ultra HD contents.

Display of animated content (videos): MPEG-2, MPEG-4 (.mov, .mp4, .avi, etc.)

Display of still images: jpeg, png, non-animated gif

Display of dynamic content: flash (swf) + data feed

Digital Management Software

Web interface

Management of the display from a specific software platform available on any computer connected to the internet with access rights
Panels are collectively or individually programmable in advance

Intuitive, efficient and easy to use programming interface developed by JCDcaux

Automatic update with no need for human intervention on the computer workstations

Contents scheduling

Creation of messages and message loops

Setting of the duration and order of messages

Instant transmission between messages being entered and being received by the panel

Consultation in real time of broadcast messages

Possibility of broadcasting a loop to all the panels, to a group of panels or to individual panels

Contents storage

Periodic local update and storage of the contents (128Gb capacity) to feed the display loop avoiding any rupture of the broadcast in case of connection failure

Display of a neutral message in case of dysfunction

Electricity

Power supply

220 V / 240 V - 50 Hz

Connection to the mains grid

Electric plate located in the foot

Protection

30 mA differential circuit breaker

NOMINAL POWER	AVERAGE CONSUMPTION
4140 VA	38 kWh/day*

* Daily consumption designed for 24-hour operation.

Consumption may vary according to ambient light, panel orientation, sun exposure and displayed message type.

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Materials

Materials	Treatment against corrosion	Finitions	Parts
steel	hot-dip galvanizing		foot structure
	centrifugal galvanizing		anchoring rods
stainless steel	passivation		screwing
		80µm powder paint	skirts
aluminium	chromate conversion*	80µm powder paint	casing - door
laminated glass		silkscreen printing anti-glare treatment	front and rear glass
concrete			foundation

* free from hexavalent chromium

Resistance to vandalism

Skirts with smooth surfaces for easy cleaning and removal of any illegal stickers
 Protection rating against impacts > IK10
 (corresponding to a 2-kg mass dropped from a height of one metre)
 Electrical circuitry inaccessible to the public
 Screens protected by a front face in 13.5-mm thick anti-vandalism hardened laminated glass
 Secured casing opening for access to the PC and other equipment
 No exposed screws
 Unit made from non-flammable materials
 All painted metal surfaces are coated with a high performance paint that is highly resistant to graffiti cleaning products
 Data transfers are protected by Firewall and

password

Environmental considerations

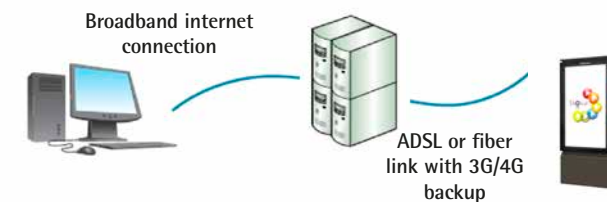
Automatic adjustment of the light intensity according to the location and the ambient light to rationalise as far as possible the energy required to operate the screen
 Use of a powder coating without any Volatile Organic Compounds (VOC)
 Electrical and electronic equipment recycled according to WEEE regulations
 Unit mainly manufactured from sustainable and recyclable materials

Remote monitoring

Unit fitted with sensors to check its operating status at all times
 Errors are sent automatically over the network to the monitoring centre in the event of a malfunction

Data Transmission

Set of secure connections:
 - from the transmitter to the data server by means of a broadband link
 - from the data server to the different communication devices by an ADSL or fibre link with a 3G/4G backup



Standards

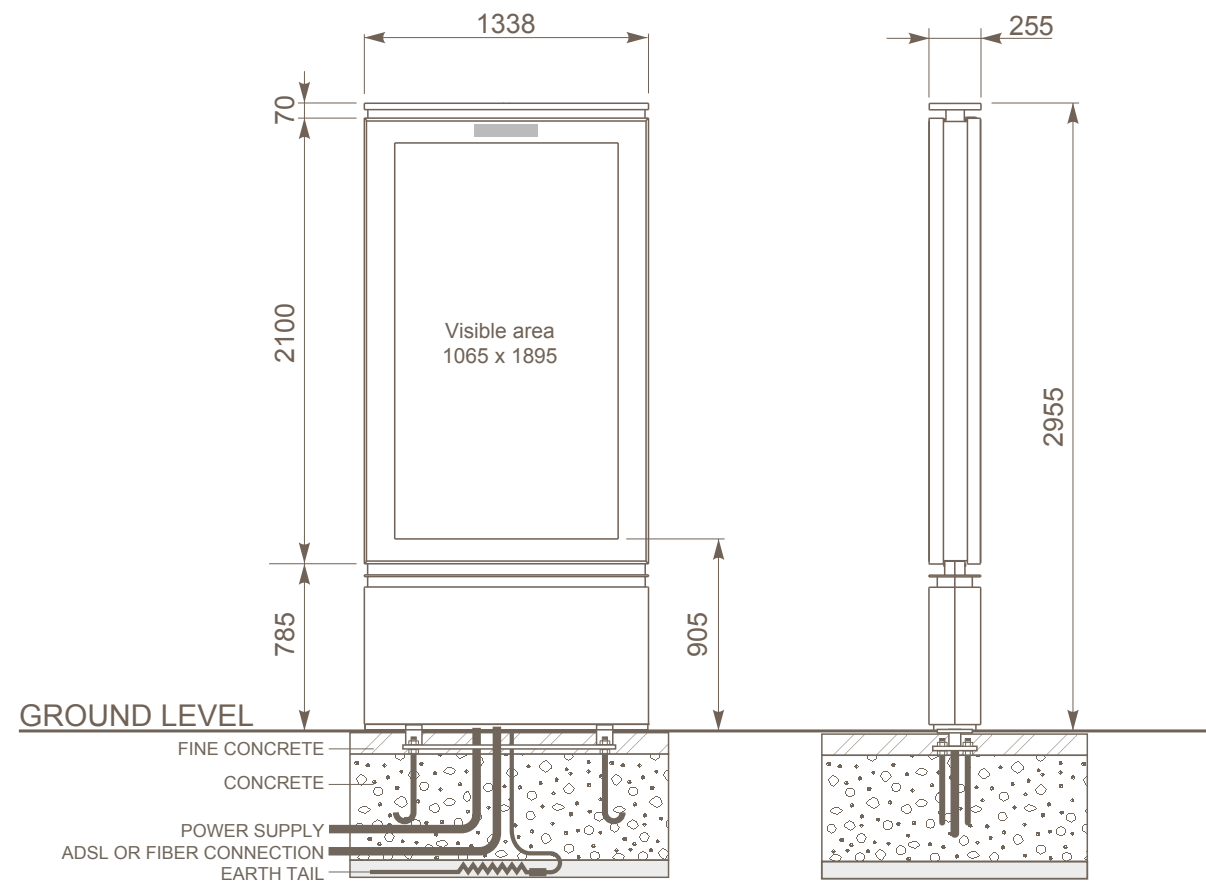
Unit CE certified and RoHS compliant
 Design and manufacture certified to ISO 9001 and ISO 14001

Accessibility

One piece unit easily detectable by white canes

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Diagram





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