POLET LED

POLET CLOUD

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POLET.Cloud is the latest addition to our product lineup, created in response to the need for fast and easy content management, regardless of the screen type or location. It provides a high level of reliability in managing video content playback, with the primary advantage of our servers being located in Europe and the region, enabling very fast play management.

Unlike competitors, the system software of our displays and cloud servers is based on the same framework, allowing for more efficient image adjustments, including all other display screen parameters, as well as significant energy savings.

Moreover, our software features an intuitive user interface, enabling easy operation of the entire system.

Content

POLET.Cloud

The foundation of this entire system is software that is housed on servers in Europe (Germany, Serbia, Hungary, and Sweden). The role of this software is to serve as an interface between the user and the LED display screens. Users access the server through their user accounts, upload content, specify the start and end times for playing video content, configure the operating schedule of the LED display screens and adjust screen parameters. Advanced statistics are supported, providing information on the number of plays for each video and on each specific date.

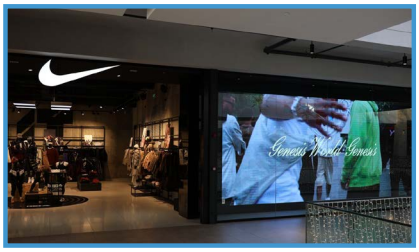
Once the LED screen is connected to the internet via the player, it executes all the commands given by the user.

POLET Cloud servers have a powerful protection system against unauthorized use, and each command can be verified through the IP address from which it was issued.

Diagram of Polet Cloud Installation for Retail Industriju

Outdoor

Transparent



Indoor from the outside

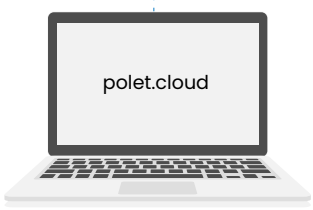
P35

P100

P200

POLET.Cloud

Indoor in the window



P2K/4K

Polet Media Players P100/P200

P100 and P200 are basic players in our product lineup, primarily designed for controlling LED display screens in the retail and commercial industries. They support all the advanced technologies of our LED display screens, allowing fine-tuning of the image, energy-saving functions, as well as the system of displaying advertisements based on user recognition by gender and age.

The main difference between these two player models lies in the number of pixels they can control.

P100

P200

Technical Specification

Model	P100	P200
Storage Internal	8GB	
Storage Expandable	USB memorija <= 256GB	
Loading Capacity	Up to 1.3 MP, with a maximum 4096 px in width, or a maximum 2560 px in height	Up to 2.3MP, with a maximum 4096 px in width, or a maximum 2560 px in height
OS	Android	
Video Format	HEVC (H.265), H.264, VP9, MPEG-4 part 2 and Motion JPEG	
Audio Format	AAC-LC, HE-AAC, HE-AACv2, MP3, Linear PCM	
Text Display	Single-Line text, Multi-Line text, Static text and scrolling text	
Multi-Window Display	Multi-video windows, Multiple pictures / Texts, Scrolling Pictures, Date / Time / Week and Weather Forecast Windows. Flexible content display in different areas	
Window Overlaying	Arbitrary overlapping with transparent and opaque effects	
SIM	Micro-SIM card slot(use with 4G module)	
HDMI Output	1920x1200@60Hz	
Wi-Fi, 4G/5G, Cloud Services	Yes	
LAN / Gigabit Ethernet Port	1GB / 2 porta	Fast Ethernet / 4 porta
Synchronized Media Playback	Yes	
Streaming Media	Yes	
Smart device Wi-Fi control	Yes	
External Sensor	Yes	

Polet Media Servers P2K-4K

These servers are designed for working with displays used for Digital signage, where P2K sends video content of 2K, and P4K sends video content of 4K resolution. They can be used with televisions, OLED display screens, and various types of large display screens, where they integrate with Polet X16 sending cards. They allow our clients to control all their devices from a single platform.

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Technical Specification

Model	P2K	P4k
Supported format	1920x1080@60Hz with suport for H.265/H264	3840x2160@60Hz with support for H.265/H264
Storage Internal	8GB	
RAM	2GB	
OS	Android OS 9.0 (Android Pie)	
Split Program Window	Support arbitrary windows split, windows overlapping and multiple pages playbck	
Video Format	HEVC (H.265), H.264, MPEG-4 part 2, Motion JPEG	
Audio Format	AAC-LC, HE-AAC, HE-AAC v2, MP3, Linear PCM	
Text Display	Single-Line text, Multi-Line text, Static text and text scroll	
Multi-Window Display	4 video windows, Multiple images / Texts, Scrolling Pictures, LOGO, Date / Time / Week, Freely split screens, with different areas displaying different content	
Window Overlaying	Support arbitrary cascading of windows	
RTC	Display and manage the clock in real time	
USB Memory Plug and Play	Support USB3.0	
SIM	Micro-SIM card slot (use with 4G module)	
HDMI Input/output	1920x1200@60Hz	
Decoding Capability	4K	
Wi-Fi, 4G/5G, Cloud Services	Yes	
LAN / Gigabit Internet Port	Fast Ethernet / Port 1	
Synchronized Media Playback	Yes	
Streaming Media	Yes	
Smart Device Wi-Fi Control	Yes	
External Sensor	No	

Polet Media Server P35

POLET Media Server P35 is the basic model from our range of media servers. It is primarily intended for use with external displays of small to medium resolution. Its high integration with Polet Cloud Servers and Polet LED display screens allows for fine-tuning of the image, as well as advanced energy-saving features.

POLET LED

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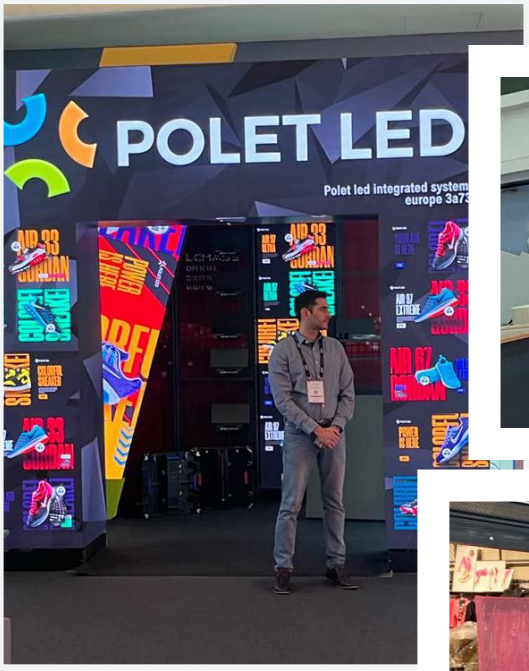
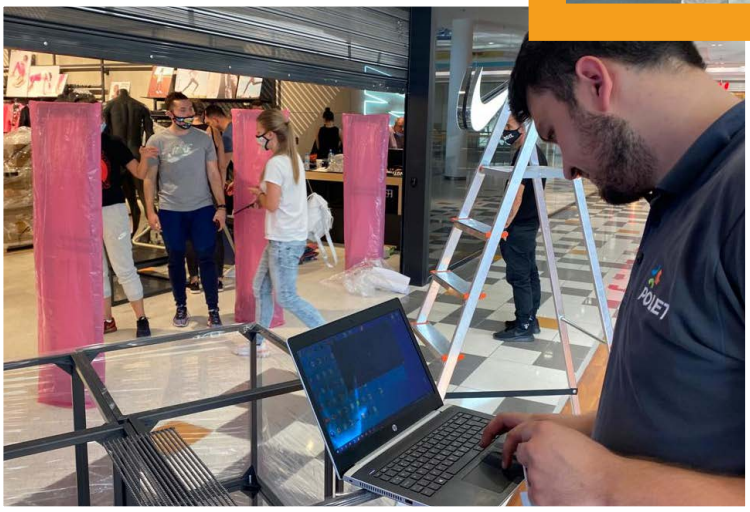
Technical Specification

Model	P35
Hardware Performance	4K Hard Decoding Playback
Storage Internal	8 GB
RAM	1 GB
Loading Capacity	Up to 650 000 pixels, With a maximum 4096 pixels in width, or a maximum 3840 pixels in height
OS	Android OS 9.0 (Android Pie)
Receiving Cards Supported	All series of Colorlight receiving cards
Program Schedule	Support scheduled play-back of content
Split Program Window	Suport flexible windows split, windows overlapping and multiple pages in a program
Video Format	HEVC (H.265), H.264, MPEG-4 part 2 and Motion JPEG, etc.
Audio Formati	AAC-LC, HE-AAC, HE-AACv2, MP3, Linear PCM, etc.
Text Display	Single-Line text, Multi-Line text, Static text and text scroll
Multi-Window Display	Multi-video windows, Multiple pictures / Texts, Scrolling Pictures, LOGO, Date / Time / Week and Weather Forecast Windows. Flexible content display in different areas
Window Overlaying	Support arbitrary cascading of windows
RTC	Real-Time Clock Display and Management
SIM	Micro-SIM card slot (use with 4G module)
USB memory Plug and Play	Support ≤ 256GB
Decoding Capability	1080P
Wi-Fi, 4G/5G, Cloud Services	Yes
LAN / Gigabit Ethernet Port	Fast Ethernet / Port 1
Synchronized Media Playback	Yes
Streaming Media	Yes
Smart device Wi-Fi control	Yes
External Sensor	Yes

POLET CLOUD

For over 30 years, we have been delivering impeccable engineering, design, and implementation. At present, Polet has over 100 products, at least half of which can be delivered within a timeframe of less than 15 days to any location in Europe.





Fine Pitch | HD | RoHS COMPLIANT | Hight Refresh Rate | Front Service | PWS Power Saving | POLET.Cloud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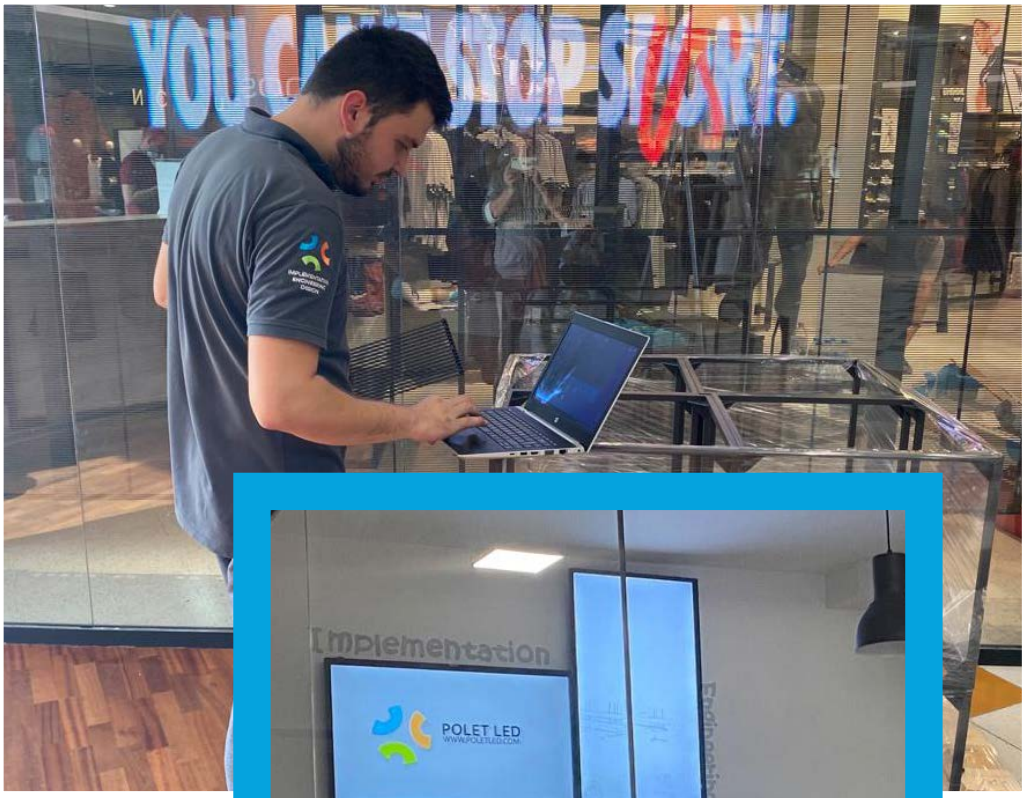

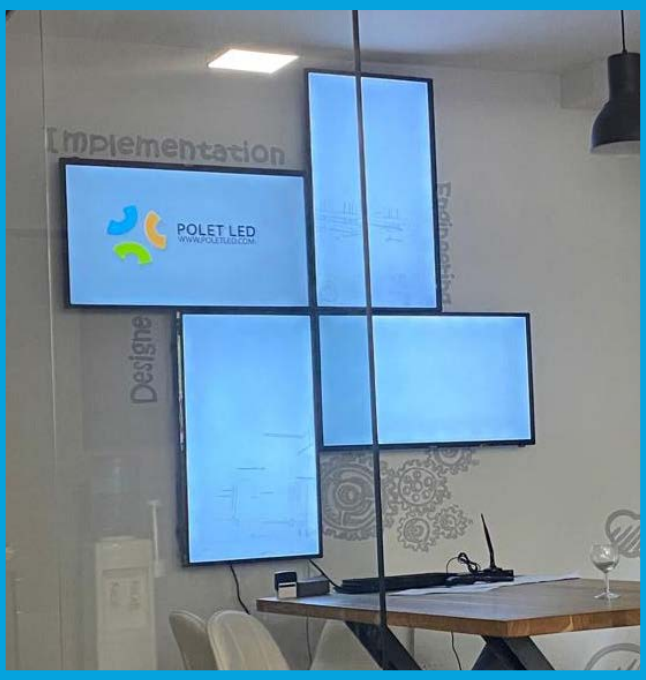
Implementation
POLET LED
Designe

POLET.Cloud

GO GREEN

POLET LED

In 2023, on its 30th anniversary, Polet adopted the GoGreen agenda formed in two directions:

- Polet will support the recycling of old display screens and provide customers with a discount for the option of purchasing new devices by trading in their old ones. Additionally, free recycling will be offered to all third-party users. In the course of its development and design, Polet aims to give new life to as many components from old devices as possible, particularly in the creation of new lighting products. The focus of the GoGreen agenda is on reducing electricity consumption through the further development of PWS (Power Save) LED display screens, as well as the development of outdoor display screens with a solar-powered system.
- The second part of this agenda will involve supporting events that promote people's engagement with nature. Since the Polet development center is located in Zlatibor, the focus will be on supporting programs that encourage staying in Zlatibor and the Tornik Ski Center.

As part of this agenda, it is planned that by 2025, the production in Braneško polje will have been covered by energy from its own solar power plant for at least nine months. Furthermore, the production line in the new headquarters (administrative) building, which is currently in the design phase, will have zero emission of harmful gases and dirty water, ensuring complete energy independence.