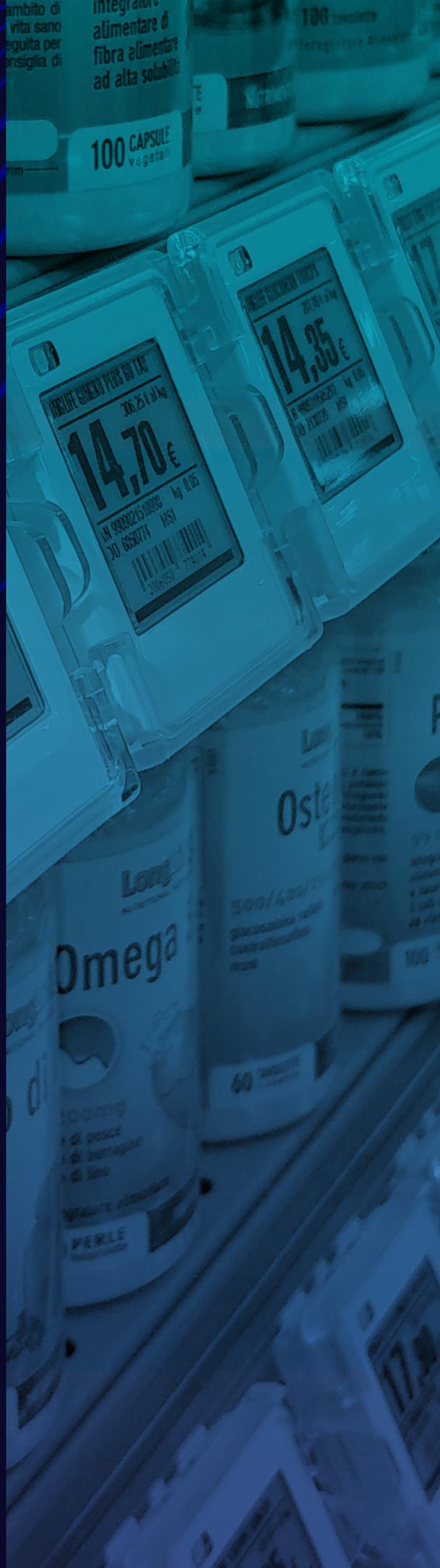


# rainus

InforTab



Expand your horizons with InforTab

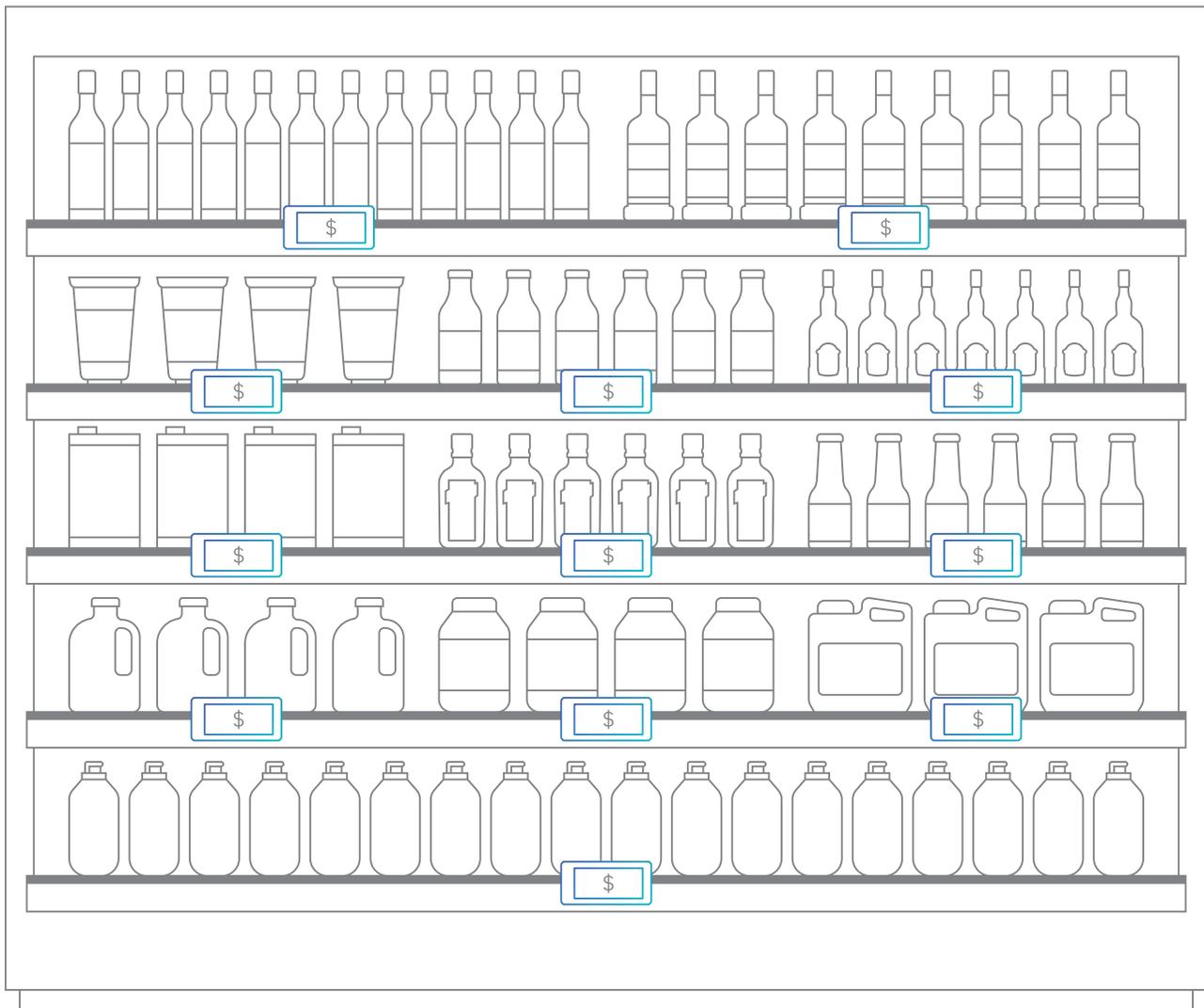


Discover the versatility of InforTab products, and deliver the value to your customer and organization.

RAINUS is the fast-growing company, specializing in an electronic shelf label(ESL). RAINUS InforTab™ is the most scalable and robust ESL system and is recognized by partners and retailers across the world. RAINUS gives trust to customers and its products used in various sectors including offices, warehouses, and factories. InforTab is based on customized wireless protocol technology, designed to replace conventional paper labels, and transform stores and workplaces into the digital and connected space. RAINUS InforTab is a powerful tool to boost “omni-channel”, a cross-channel business marketing model used to enhance customer experience.

RAINUS introduces a complete set of product lines leveraging its cutting-edge technology to empower customers across various industries. Leveraging open source technology with high scalability and powerful gateway, InforTab pairs up to 8,000 ESL tags with extremely low power consumption. InforTab supports fast installation and easy system integration. Flexible data interface with various options can also be a good reason to choose InforTab solution.





RAINUS designed the InforTab solution to support retail customers by price transparency and cost saving. Embedding the NFC option, InforTab comes in a wide range of sizes, which enables retailers to be connected in new, more personalized ways with shoppers. The automated RAINUS ESL system reduces labor cost for pricing management, improves pricing accuracy, and allows dynamic pricing.

The RAINUS team strives to improve the shopping process by developing advanced technologies and providing services to retail customers. RAINUS gives retailers options to optimize revenue and profitability by improving the service quality in stores. RAINUS InforTab, allows retailers to control and manage in-store pricing and promotions with speed, flexibility, and consistency.

# InforTab™

InforTab is an advanced solution supporting full graphics in three or eight colors. It can include specific information such as a price, barcode, graphics, promotion, currency details, among others. The InforTab can be easily designed and configured by the RAINUS software.

RAINUS InforTab system is a low-power technology that consumes battery power only when it updates information during communication with a server. When they are not communicating, InforTabs are normally in a sleep mode and consuming the least power, even though they are still showing information on display screens.



Price Integrity



Cost Saving



Operation Efficiency



Omni Channel



Customer Engagement



Dynamic Pricing



# Specification

## InforTab R154

| Dimensions 39.8x47.3x13.6 mm | Display color BWR / BWY  
| Active area 27.5x27.5 mm | Resolution 140 dpi | LED Available



## InforTab R290

| Dimensions 89.0x42.9x13.1 mm  
| Active area 66.9x29.1 mm  
| Display color BWR / BWY  
| Resolution 112 dpi | LED Available

## InforTab R213

| Dimensions 69.2x35.4x13.1 mm | Resolution 130 dpi  
| Active area 48.6x23.7 mm | LED Available  
| Display color BWR / BWY



## InforTab R290F

| Dimensions 89.0x42.9x13.1 mm  
| Active area 66.9x29.1 mm  
| Display color BW  
| Resolution 112 dpi | LED Available  
| Operating temperature -23 ~ 0°C

## InforTab R266

| Dimensions 82.0x42.5x12.9 mm  
| Active area 60.0x30.7 mm  
| Display color BWR  
| Resolution 125 dpi | LED Available | Bezel Black & White

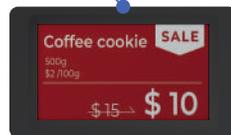


## InforTab R750

| Dimensions 187.0x132.5x17.5 mm  
| Active area 163.2x97.9 mm  
| Display color BWR  
| Resolution 100 dpi | LED Not available

## InforTab R310

| Dimensions 90.8x52.0x12.9 mm  
| Active area 68.4x38.8 mm  
| Display color BWR  
| Resolution 110 dpi  
| LED Not available  
| Bezel Black & White



## InforTab R583

| Dimensions 138.2x114.6x17.5 mm | Resolution 138 dpi  
| Active area 118.7x88.2 mm | LED Not available  
| Display color BWR | Bezel Black & White



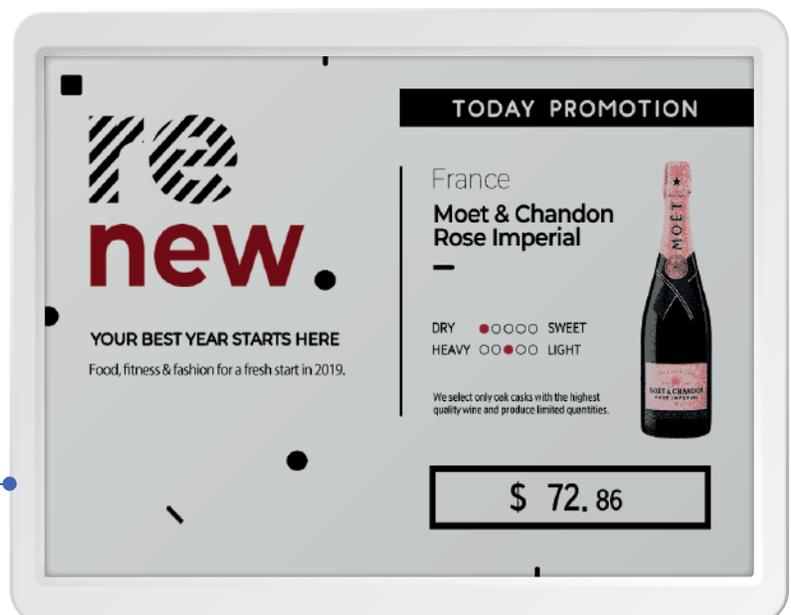
## InforTab R565

| Dimensions 138.2x114.6x17.5 mm | Resolution 132 dpi  
| Active area 114.9x85.8 mm | LED Not available  
| Display color R, G, B, O, Y, K, W, M | Bezel Black & White



## InforTab R420

| Dimensions 103.8x89.8x14.7 mm | Resolution 120 dpi  
| Active area 84.8x63.6 mm | LED Available  
| Display color BWR / BWY | Bezel Black & White



## InforTab R13A

| Dimensions 311.0x244.0x19.0 mm | Resolution 88 dpi  
| Active area 275.3x195.0 mm | LED Not available  
| Display color BWR

# InforTab Plus™

## InforTab Plus in-Touch™



InforTab Plus is our next generation system designed to take today's retail stores to the next level. InforTab Plus, which is fully integrated with InforTab, can deliver not only pricing information, but also advertisements via diverse multimedia formats.



InforTab Plus in-Touch is an innovative technology that combines the information display and touch functions. Its intuitive in-touch technology gives a super-fast response time and visual interaction between your customers and marketing contents.

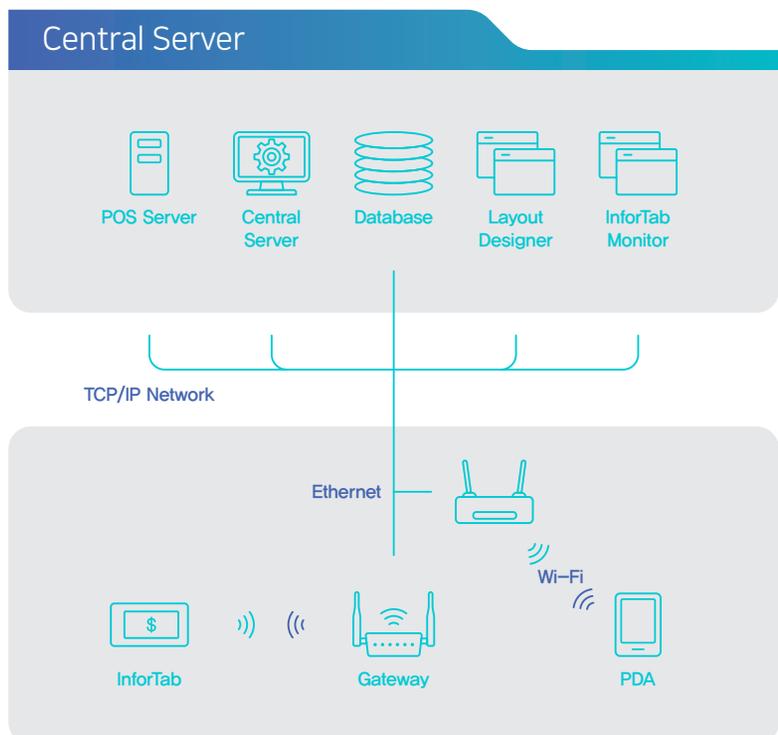
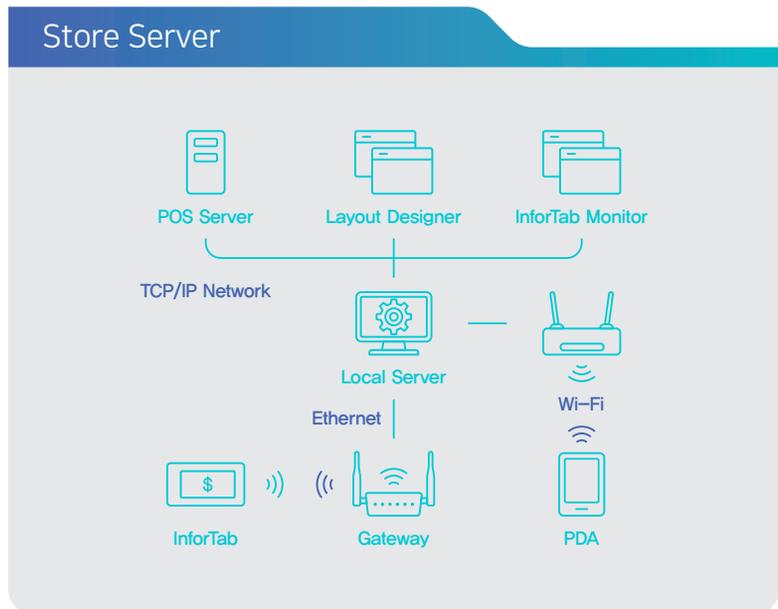
InforTab Plus & InforTab Plus in-Touch are a promo-advertising solution, the key to effectively boost sales and promotions. The display on InforTab Plus can be easily designed, and it enables to update high-definition contents like movies or images through Wi-Fi.

Dimensions (mm)		597.4 x 60.4 x 15.8
Weight (g)		660
Active Area (mm)		586.6 x 48.19
Module Thickness (max, mm)		16 (Bezel to PCBA)~LCM
Border (AA to outline/U/D/R/L, mm)		6.0 / 6.0 / 6.5 / 4.9
CPU		ARM (1GHz)
RAM		1G DDR3
FLASH		8GB / 12GB EMMC
Wireless		2.4GHz 802.11n wireless LAN
Power		12V / 2A
Panel Signal Interface		Single / Dual / LVDS
Vertical Refresh Rate		50Hz / 60Hz
Video Input		HDMI
Technology		TFT
Resolution Horizontal / Vertical Pixel		1920 / 158
Supported Contents Format		Video   DIVX, MP4, MKV, AVI / Image   PNG, JPG, JPEG, GIF

# Architecture

The InforTab server connects the ESL system with the back-office system and communicates with gateways. There are two types of server : local and central. The local server is located in a store and control its gateways, while the central server is normally located in data centers and controls gateways for all stores.

RAINUS provides on-premise and cloud options, which depend on business size. Cloud services enable quick and easy installation at minimum initial investments while centralized architecture is a perfect fit for larger organizations with a number of stores to be managed.



# Case Study



Bic Camera is an electronics retailer chain in Japan. Rolled out the total of 6 stores in 2019, including the Machida branch, with 100,000 InforTabs.



Shinsegae is a department store franchise, rolled out 3 of its branches in Korea, including the premium wine store called "Wine House".



COOP is a system of Italian consumers' cooperatives which operates the largest supermarket chain in Italy. Successfully rolled out more than 420 stores.



Dr.Max has the largest pharmacy networks in Europe. Rolled out 2 pilot stores.

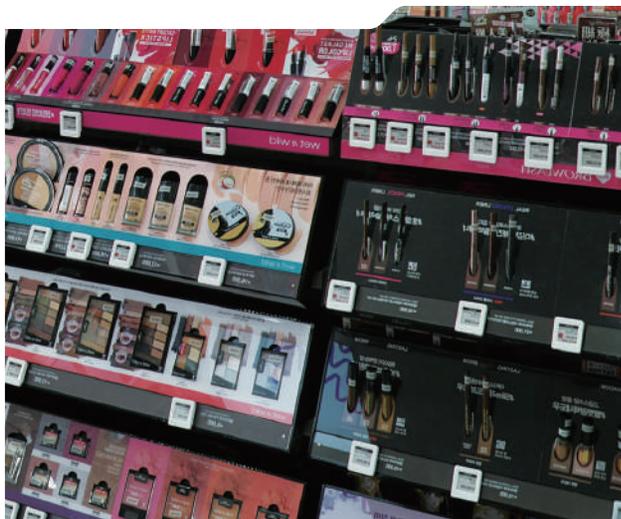


Croma is an Indian retail chain for consumer electronics. 150 stores across India were rolled with centralized server.



Carrefour is operated by a CDS master franchise company in Italy. First rollouts in twenty Carrefour stores in Italy.

## nunc



NUNC is a health & beauty retailer in Korea with InforTab cloud service.

## 7-ELEVEN



7-eleven convenience store in Korea and rolled out 30 since 2018 including unmanned stores.

# Global Reference





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