


i-news

R 13, The new range of receivers for the industrial sector

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Summary



The new range of R13 receivers just launched by Ikusi is an important evolution compared to previous equipment. These receivers are versatile, compact and easy to configure and service. The range includes three versions: R13 B (Basic), R13 F (Full) and R13 ATEX Z2.



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From one trade fair to another



Ikusi has been taking part in different trade fairs intensively to show the market their range of remote controls. Two of these fairs especially stand out: the Samoter fair in Verona, and the Cemat fair in Hannover.



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IK 2



IK 3



IK 4



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R13 –The new range of receivers for the industrial sector

The new range of R13 receivers just launched by Ikusi is an important evolution compared to previous equipment. The R13s offer the user an easy-to-maintain receiver thanks to the use of LEDs or a display which allow external monitoring of the equipment's operation. The display, especially, offers useful information, such as the quality of the radio link, activated relays or digital inputs.

The R13s also include a removable EEPROM, so any configuration changes in the remote control can be made easily.

R13 receivers are equipped with a multiband antenna covering all frequencies used in the sub-Giga bands (400 - 930 MHz), so they can be used in any part of the world, adding versatility and standardization to the unit.

Regarding the physical design, the unit is more compact, resistant and watertight, making it more comfortable for the user.

R13 receivers come in three versions. The R13 B (Basic) is the standard solution for industrial cranes. It has 13 digital outputs. The R13F (Full) covers all functionalities, is highly configurable and responds to the needs of any industrial application. This version has 21 digital outputs and 4 analogue outputs. Lastly, the range includes a version for work in environments with a risk of explosion. This is the R13 ATEX Z2, especially designed to operate in risk 2 areas. This model includes 13 digital outputs.

The range includes the versions R13 Basic, R13 Full and R13 ATEX Z2 for areas where there is an explosion risk 2.

The R13 receivers are versatile, compact and easy to configure and service.

One software and three new functionalities

Ikusi has culminated the development of software version 5.3.0 of the TM70 range incorporating three new functionalities in their receivers. This new software allows receivers which normally operate in slave mode in CANopen to also operate in master mode, therefore being able to work in parallel as PLC slave and controlling expansions of the TM70 range receivers.

Also, this software increases the compatibility degree of the receiver with the PLC making the receiver easily adaptable to the program which the PLC has already developed. Thanks to this new software version, the inputs that the controller needs are sent completely customised, bit by bit, facilitating communication and adding a greater degree of customisation.

Lastly, Ikusi has developed a gateway for communications on different protocols. Thus, the receivers, at the same time as communicating using the CANopen protocol, can communicate via PROFINET and PROFIBUS protocols, at the same time, facilitating the integration of new protocols in the future.



TFT 3.0 – A wider user choice

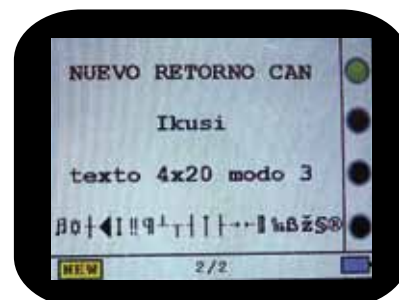


Ikusi is launching the new 3.0 version for TFT/LCD displays which incorporates a new CANopen return that increases significantly the possibilities of visualising the information from a PLC.

Regarding the text format, information is shown in 4x20 characters, with or without LEDs, or in 2x10 characters with leds.

But the new display also offers the possibility of presenting information graphically, using different icons that can be chosen from an image gallery, in four different formats: 1, 2 or 4 icons on display at the same time. Additionally, 10 characters associated to any of the icons can be written.

An important increment in the potential visualisation formats and the degree of customisation and user-friendliness of the information shown that will be available for the whole range of I-KONTROL remote controls.



The new joystick for the mobile sector



With the specific needs of the mobile sector in mind, Ikusi is launching a new joystick available in the whole I-KONTROL remote control range (IK2, IK3 and IK4).

This joystick stands out for its 8-bit high resolution and is based on Hall effect technology, which results in a longer product life thanks to the lack of friction and rubbing.

From a mechanical point of view, it is a very compact joystick which frees more space the other components, offering at the same time the possibility of incrementing the number of joysticks per equipment unit. Thus, model IK2 can incorporate two joysticks; model IK3, three; and model IK4, four. This characteristic allows for a greater number of manoeuvres, even with smaller remote controls.

Ikusi has launched three versions of the new joystick: the two-axe version, the two-axe version with safety function incorporating the dead man's switch, and a three-axe version available for the whole range of I-KONTROL remote controls.

The new joystick for the mobile sector



IK 3



T70 1 HALL

A STANDARD CREATED FOR INDUSTRIAL CRANE

NEW RANGE OF RECEIVERS FOR INDUSTRIAL SECTOR



R-13 & R13



External LEDs for troubleshooting



External removable EEPROM SIM module



Intensive trade fair activity for Ikusi taking part in CranExpo, Samoter, CeMAT and M&T Expo

Ikusi has been taking part in different trade fairs intensively to show the market their range of remote controls. Two of these fairs especially stand out: the Samoter fair in Verona (8-11 May), and the CeMAT fair in Hannover (19-23 May).

At **Samoter**, Ikusi, together with distributor Telequadri, presented their complete range of I-KONTROL remote controls for the mobile sector and the proportional buttons.

Ikusi has also been present in **CeMAT**, the leading event for the industrial sector. The R13 receiver, the Twin Synchro software and the I-KONTROL remote controls have been the core offer presented by Ikusi for the industrial sector.

Ikusi's trade fair activity has reached completion with its participation at the **CranExpo** fair in Moscow, which the company attended with Velasat, their distributor in the region, from 23 to 25 April, and the **M&T Expo** fair that took place from 29 May to 2 June in São Paulo, where Ikusi was present with their distributor, the Tecnomira company.



The Mobile Working Group celebrates their third meeting in San Sebastián

The Mobile Working Group met again at Ikusi's headquarters in San Sebastián on 23 and 24 April. The gathering brought together managers from the Remote Control Unit, as well as the main distributors from Germany, Belgium, the United States, France, Italy, the United Kingdom and Turkey. For a couple of

days, they had an opportunity to reflect on and share experiences around the different aspects determining the strategy for Ikusi's mobile market, such as the product typology, markets, distribution channels and price, among other things.

