

VIG HEC STATION CONTROLLER

VECTOR Ingress Guard HEC station controller



Small size of the FSK receiver and IS module enables easy implementation in the field

Low power consumption of the FSK receiver

No necessity for changes in the power system thanks to the low power consumption of modules

Widely adjustable range of transmitted frequency of the HEC

Two operation modes of the system: carrier without modulation (for network adjustment) and carrier with modulation (transmission)

High responsivity: IS changes the state within 20ms (50 IS per 1s)

FSK detection function for status signaling

The system works with different channel plans: mixed and full digital loading



HEC has been designed by VECTOR, as the most important part of detection ingress system. HEC is a master of the other VIG modules.

HEC is a micro-computer with embedded server main board and transmitter modules. HEC can be managed by the list of CLI commands which may be use by 3rd party management software.

FEATURES

Bandwidth range	423 - 463 MHz & 845 - 946 MHz (step 0.2 MHz)
Output level from one TX module	110 dB μ V \pm 0.5 dB
Operating temperature	0°C - 50°C (32°F - 122°F)
Mains powering	230 V AC
Chassis Dimension (W x H x L)	482mm x 88 mm x 524 mm (18.98" x 3.46" x 20.63") 19" 2 RU
Management	mains and remote
FSK modulation from each TX modules	√
One output port per one TX module	√
Up to 4 TX modules per one chassis	√

