

Radio
Receivers

Remotes

Gate
Controllers

Gate
Automation
Accessories

Gate
Motors

Access
Control



GALACTIC

Save Time & Money

- programming remotes in the office
- self-activation by the user
- 65 000 installations with a unique code



GALACTIC



CONFIGURATION
VIA INTERNET

AUTOMATION
CONTROL
VIA PHONE

WORKS
IN 4G / 2G
NETWORKS

FLEX4G

- management via CloudFlex application on www.cloudflex.dtm.pl
- memory of 9 999 remote controls and 50 000 events
- optional module extending functionality with two additional output and input channels
- dual-band receiver - works with DTM868MHz series remote controls and optionally with DTM433MHz series remote controls

FLEX4G is a 2/4-channel radio receiver equipped with an LTE module. It can be used in gate and home automation, alarm systems and others. It allows remote control using radio remotes, telephone, Android and iOS applications as well as manual control buttons. The receiver is managed via the advanced and intuitive CloudFlex web application.

▶ Basic parameters

power supply: 12...24V AC/DC ±10%
maximum current consumption: 800mA
memory capacity: 9 999 remote controls, each with an individual memory number
event memory capacity: 50 000 items
operating temperature: -20°C/+55°C
mounting method: in a splash-proof plastic housing IP-54
external dimensions of housing / receiver board
(width x length x height): 72x132x41mm / 58x90x27mm

▶ Executive elements

relay outputs on the receiver base board
(type / quantity / maximum load): NO or NC / 2 / 1A (24V AC/DC)
relay outputs on the FLEX4G-MR additional module
(type / quantity / maximum load): NO or NC / 2 / 1A (24V AC/DC)
output operating modes: monostable (0.1s to 23h 59m 59s, with a resolution of 0.1s), bistable or momentary
inputs (type / quantity / minimum violation time): information and/or manual control (NO/NC) / 2 / adjustable in the range of 0...9s
inputs on the FLEX4G-MR additional module
(type / quantity / minimum violation time): information and/or manual control (NO/NC) / 2 / adjustable in the range of 0...9s

▶ Radio parameters

radio module: modern, digital, superheterodyne with intelligent adaptation to external radio conditions, ensuring high reliability, repeatability and optimal sensitivity
radio module on receiver base board
(transmission protection / modulation type / frequency): 104-bit IRS / FSK / 868MHz
additional radio module SHR-F433
(transmission protection / modulation type / frequency): 64-bit KeeLoq® / OOK / 433,92MHz
antenna input impedance: 50Ω
ISM antenna: wire antenna, terminals for connecting an external antenna, optional rod antenna for the housing
supported technology: 4G/2G
cellular network frequency: 700/800/900/1800/2100/2600 MHz
GSM antenna: omnidirectional rod with a gain of 3dBi terminated with a male SMA plug; (GSM-3G, angled rod, 850/900/1800/1900/2100 MHz), transition antenna cable terminated with a female U.FL plug and a female SMA socket

▶ Functionality

receiver management: via GSM connection and web browser via CloudFlex server
receiver control: via remote controls, manual control inputs, via smartphone and dedicated V-PILOT application or CLIP connection, via virtual remote control in CloudFlex service
real time clock: with battery backup
remote control entry without access to CloudFlex: Galactic function, remote control assignment function within the radio range of the receiver
SMS notifications about input status: for inputs set in signaling mode, independent notifications about switching from idle to active state and from active to idle, for up to three users for each input
protection against accidental activation of the remote control/transmitter: function of double pressing the remote control button
receiver memory: M2 memory module mounted in a base with the possibility of moving to another receiver
migration from FLEX868 receiver: by moving the M2 memory module