EASYGATE WN 2000

EasyGate WN represents junction of high security access control system together with requirements for **functionality in extreme outdoor weather conditions.**

Modern electronic devices as **optical infrared sensors or inductive loop detector** enable easy and smart operation of the turnstile to provide continuous pass through the turn stile. Access Light as an information panel makes the passaging very intuitively and comfortable.

EasyGate WN turnstile consists of two different components – SIDE cabinet and MIDDLE cabinet. By this way it is possible to create as many passages as are required. Two SIDE cabinets are needed for one basic passageway.

Purpose:

EasyGate WN turnstile was special designed for passing of person with bicycle or motorbike. Sophisticated detection system (infrared sensors, inductive loop detectors) ensures trouble-free and fast passing through turnstile.

All the control electronics of the turnstile is designed to work perfectly in extreme outdoor weather conditions as snowing, heavy raining, high humidity or wide **temperature range (-40°C ... +50°C)**.

Materials:

Frame and Top lid: brushed stainless steel as an anti-corrosive material for outdoor weather conditions
Wing Barrier: brushed stainless steel tube wing with special bevelled design for using as motorbike or bicycle passage lane
Access Light panel: toughened glass with special polyurethane varnish protecting the glass against scratches

Extreme weather conditions: **EasyGate WN** was special designed for absolute and trouble-free functionality in any extreme outdoor weather conditions. All the electronics of the turnstile are placed inside plastic box with special cable inputs of **IP 65 protection class**. Special heating system enables full operation of the turnstile in very low temperatures up to -40°C.

Functionality: Bi-directional operation of the turnstile is electronically controlled. All the systems as Access control system, Identification system, PC remote control or Manual Touch Panel control can be additionally connected.
Any unauthorized passage (**Tailgating or Crossing over) is immediately recognized** by the infrared sensors and alarm system is activated (e.g. acoustic alarm in security room).
Passage with the bicycle or motorbike is recognized by the inductive loop detector which enables the continuous passage without any delay.

Passage features:

Access Light with Proxy reader bracket (optional accessories)
LED lighted panel with proximity icon informs about access status of the passage lane (white – Standby, green – Go, red – Stop). Integrated proximity reader bracket is designed to use any type of Proxy reader to complete the Access control system.

Traffic light direction (optional accessories)
Lane accessibility information display informs about passage directions of the turnstile (green arrow – Go, red cross – Stop, red triangles – Emergency mode).

Optical infrared sensors
8 pairs of Infrared optical sensor are designed for the working temperature up to -40°C and with their very long reading distance can work unfavourable conditions as moist, rain, snow, dust or direct sunlight. Sensor technology based on transmitter and receiver ensures preventing of any detection errors (e.g. beam reflection from glossy material).
Detection system is communicating with the control electronics of the turnstile to recognize any unauthorized passing.

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Inductive loop detector

2-chanells inductive loop (one Entry section / one for Exit section) is enough sensitive to detect even such a small metallic parts as bikes, mopeds and others. Inductive loop shape is special designed prevent any influence by surrounding metallic surface.

Power failure:

In case of power failure the turnstile can be set up in several modes:

Turnstile is not equipped by back-up accumulator (optional accessories)

Wing barriers stay in a present position but it is possible to open them by hand manually (Fail-Safe motor drive unit)

Turnstile is equipped by back-up accumulator (optional accessories)

Wing barriers are opened automatically

Wing barriers can be opened automatically by superior security system

Operating temperature:

-40°C ... +50°C

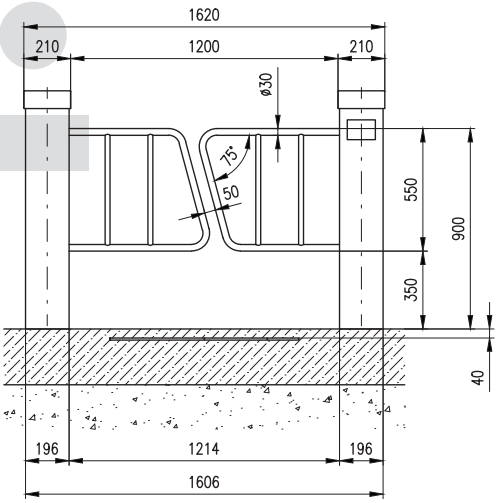
Communication interface:

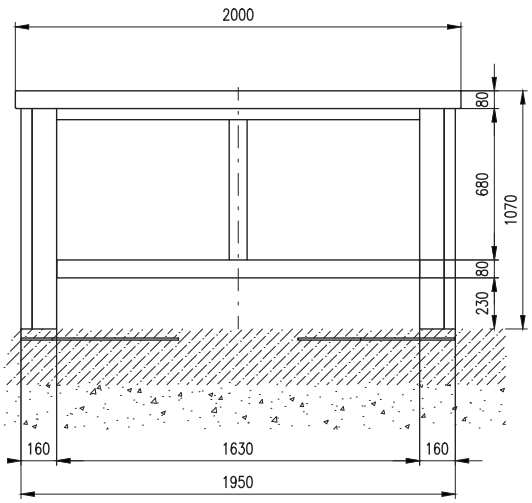
Programmable Inputs / Outputs

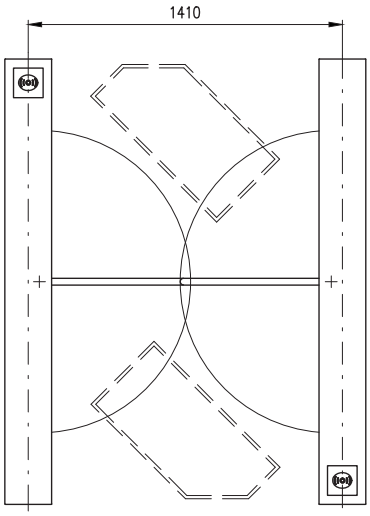
RS485 / USB / Ethernet

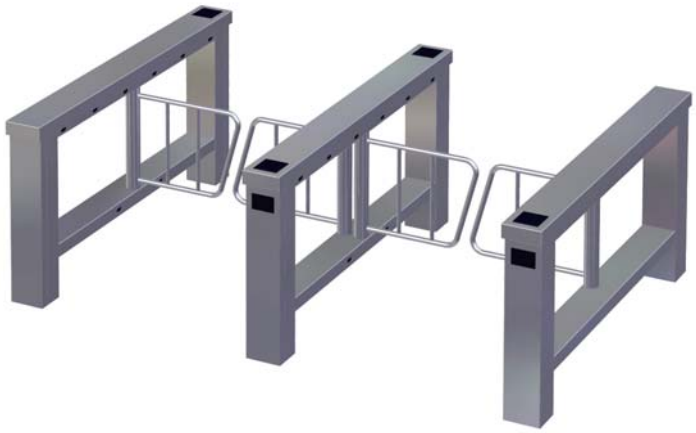
Optional Accessories:

- Access Light panel - GO/STOP coloured icon based on access right confirmation/refuse from identification system
- Traffic Light Direction Panel - lane availability for a passage
- Proximity reader bracket for integration of proximity reader
- Back-up accumulator
- TouchPanel for remote manual control of up to 4 lanes
- TMON2 software application for remote manual control/status monitoring of lanes via PC









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