



**VOZROZHDENIE LLC**

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TU 27.90.40-001-33120038-2018

APPROVED

VZR.248100.000 AS

**SWING GATE  
MODEL K-14**

**VZR.248100.000 DTS  
DATASHEET**

36 pages

2019

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## ABBREVIATIONS

Following abbreviations are used in this document:

DTS — Datasheet;

OP — Operation manual;

IG — Installation Guidelines;

PSU — power supply unit;

PU — control panel;

ACS — access control system.

## 1 GENERAL PROVISIONS

This Datasheet (DTS) is applied to Oxgard K-14 swing gate and its variants (hereinafter referred to as – Product).

Before using the product, please read Operation Manual (VZR.248100.000 OP). Installation of the product should be carried out according to Installation Manual (VZR.248100.000 IG).

This Product Status Record should be always kept with the product.

All entries in this Product Status Record should be made only in black ink, clearly and accurately. Erasures, blots and incomplete corrections are not allowed. All corrections should be signed and stamped by Quality Department.

The person who has accepted the product for use is responsible for the Product Status Record safety and correctness of maintaining.

The product should be sent for repair together with this Product Status Record in which number of operation hours since the beginning of the product operation should be given and also with certificate of the product technical condition.

When transferring products to another enterprise, final entries of operation time should be certified with stamp of the enterprise sending the product.

Persons responsible for the product during its operation and storage should regularly fill in the relevant sections.



Note - Product operation generally includes intended use, transportation, storage, maintenance and repair.

## 2 GENERAL DATA

Oxgard K-14 motorized gate is designed for control of access and flow of people.

The product can be used at the entrance of enterprises, organizations and banks, educational institutions, sport and entertainment facilities, shops, train stations and other institutions.

General data are given in Table 1

Table 1 – General data on the product

Name of the product	Oxgard K-14 swing gate
Manufacturer name	Vozrozhdenie LLC
Manufacturer address	192289, Russia, St.-Petersburg, Sofiyskaya str. 66
Technical specification	TU 27.90.40-001-33120038-2018
Product serial number	
Date of manufacture	
Software version	FW v1.0
Declaration of conformity of Eurasian economic Union	
Certificate of PROMTEKHSTANDART	

Product design variants:

- 1) Swing gate K-14 (passage width: 600, 900, 1000 or 1200 mm);

### 3 MAIN TECHNICAL DATA

Main technical data of the product are given in Table 2.

Table 2 – Main technical data

Name of parameter	Value	
	Swing gate	Control panel
Dimensions (WxHxL ) for passage width, mm: - 600 mm - 900 mm - 1000 mm - 1200 mm	820x1140x159 1120x1140x159 1220x1140x159 1420x1140x159	25x107x107
Weight, kg for passage width, mm: - 600 mm - 900 mm - 1000 mm - 1200 mm	50.0 56.0 58.0 62.0	0.5
Range of ambient temperatures, °C: - operation - transportation and storage	+1...+40 +1...+40	+1...+40 +1...+40
Relative humidity, %, not more than	80	80
Width of formed passage, mm	600-1200	
Throughput capacity, person/ min	12	
Max number of connected control panels, pcs.	3	
Service life, years	8	8

Electric characteristics of the product are given in Table 3.

Table 3 – Electric characteristics

Name of parameter	Value	
	<i>swing gate</i>	Control panel
Supply voltage (DC), V: - nominal - working	24.0 21.6...24.4	12.0 7.5...15.0
Average current at standby mode*, A	0.4	
Average current at operation mode*, A	2.0	
Maximum current consumption*, A	5.0	



Note — \* current values are given for nominal supply voltage

Results of the product monitoring are given in Table 4.

Table 4 – Control of the product

Date	Purpose of the monitoring	Operating time since the beginning of operation	Monitoring results		Position, family name and signature of a person carried out monitoring
			Maximum consumption current, A	Supply voltage, V	



## 4 INDIVIDUAL FEATURES

Installation of the product should be carried out by qualified personnel in accordance with the Installation Manual (VZR.248100.000 IG).

To avoid unauthorized access when the product is controlled by ACS, it is necessary to organize the passage zone.



Note — Manufacturer reserves the right to change the complete set, specifications and appearance of the product without notice.

## 5 PACKAGE

### 5.1 The product components

The product components are listed in Table 5.

Table 5 – The product components

Designation of the product	Name of the product	Q-ty	Serial number	Notes
Swing gate	K-14	1		
Control panel	Praktika control panel	1		
Power supply unit*	Power supply unit			
Fence section kit *	Praktika fence			

### 5.2 Spare parts, tools, appliances

Spare parts, tools, appliances are listed in Table 6.

Table 6 – Spare parts, tools, appliances

Designation of the product	Name of the product	Q-ty	Serial number	Notes
Screw*	M10x50 DIN7991 with hexagonal socket for key	4	-	
Anker*	SORMAT PFGES10 M10-60	4	-	
Hexagonal wrench*	Hexagonal wrench S6	1	-	

### 5.3 Products with limited life

Products with limited life are listed in Table 7.

Table 7 – Products with limited life

Designation of the product	Name of the product	Q-ty	Serial number	Notes



Note — Products in Tables 5, 6 and 7 marked with (\*) are delivered optionally.

### 5.4 Operational documentation

Structure of operational documentation is given in Table 8.

Table 8 – Operational documentation

Designation of the product	Name of the product	Q-ty	Serial number	Notes
VZR.248100.000 AS	Approval sheet	1	-	
VZR.248100.000 L	List of operational documentation	1	-	
VZR.248100.000 DTS	Datasheet	1	-	
VZR.248100.000 OP	Operation manual	1	-	
VZR.248100.000 IG	Installation guidelines	1	-	

## **6 RESOURCES, SERVICE LIFE AND STORAGE LIFE, MANUFACTURER'S WARRANTY**

### **6.1 Resources, service life and storage life**

The assigned service life of the product is 8 years. During this period (after the warranty period – according to contract), Supplier undertakes to provide following services for the product:

- 1) to assist operating company in acquisition, repair and replacement of failed parts of the product;
- 2) to inform operating company about the product purchased components withdraw from production and replaced by enchased ones;
- 3) when necessary, to check, together with operating enterprise, condition of the product parts and selection of actions for maintenance of operability;
- 4) to carry out work on improvement and development of the product.

Resources and service life of incoming components should be defined according to individual technical passports (specifications).

These resources, service and storage life are valid if Customer complies with requirements of the current operational documentation

### **6.2 Manufacturer's warranty**

The warranty period of the product is 12 months from the date of purchase at manufacturer if Consumer complies with requirements all the instructions given in Operation Manual.

The date of purchase is given in the Product Status Record. If there is no date of purchase in the Product Status Record, warranty period should be counted from the date of the product manufacture given in the Product Status Record.

In the case of the product malfunction, contact authorized dealer or the nearest authorized service center. The warranty includes free replacement of parts, assemblies, units, etc. in which a manufacturing defect is detected. The warranty is provided if the owner of the product complies with maintenance requirements according to Maintenance Manual.

Addresses of official dealers and service centers are listed in Operation Manual and are also available on the website: [www.oxgard.com](http://www.oxgard.com)

Warranty conditions do not cover costs of transportation and sending specialists to the product operation place for the product connecting, configuring, repair or for consultation.

Post-warranty service shall be carried out according to the rates established by service center. In the case of non-warranty repair, the warranty period for replaced parts and components should be 3 months and should be calculated from the date of sending repaired product to Buyer.

All replaced parts, components, etc. become the property of the service center who performed the warranty repair.

All replaced parts, components, etc. become the property of the service centre which carried out the warranty repair.

All claims on quantity, completeness and defects of appearance of the delivered products are accepted by manufacturer in writing in period withing 5 (five) working days from the moment of the product receipt by Buyer. In case of non-compliance with the above term, claims to the delivered products in accordance with the listed grounds should not be accepted.

The service center has the right to refuse warranty repairs in the following cases:

- 1) in the presence of defects arising as a result of violation by Consumer of instructions set forth in Operation Manual VZR. 248100. 000 OP;
- 2) when using the product for non-intended purposes;
- 3) in the presence of signs of change by user of the product design;
- 4) in the presence of mechanical damages arising as a result of fire, impact or accident, etc.;
- 5) in the presence of the mechanical damages received as a result of the product operation at parameters beyond limits of use and load characteristics declared by manufacturer;
- 6) in the presence of electric damages of units and components of the product arising as a result of power surges in the network, wrong connections, wrong selection of the feeding cable;
- 7) in the presence of electric and other damages of units and components of the product related with impact of water and other liquids;
- 8) in the presence of damages related with activity of small animals and insects;
- 9) if there are signs of self-repair outside not at authorized service center, as well as defects resulting from use of non-original spare parts;
- 10) in the presence of malfunctions caused by normal wear or end of life of the product components (consumables, fuses, etc.).





## 8 PACKING CERTIFICATE

K-14 Oxgard swing gate \_\_\_\_, serial number № \_\_\_\_\_

is packed by \_\_\_\_\_  
manufacturer name or code

according to requirements set forth by acting technical documentation.

Packed by \_\_\_\_\_  
position signature of the person transcript of the signature

\_\_\_\_\_ 20\_\_



## 9 ACCEPTANCE CERTIFICATE

Swing gate Oxgard K-14 \_\_\_ serial number \_\_\_\_\_ was manufactured and accepted in accordance with the mandatory requirements of state standards, current technical documentation and is recognized as suitable for operation.

Head of Quality department

Stamp of Quality department

\_\_\_\_\_/\_\_\_\_\_  
\_\_\_\_ 20 \_\_\_\_

**Bases for delivery** \_\_\_\_\_

Head of enterprise

Place for stamp

\_\_\_\_\_/\_\_\_\_\_  
\_\_\_\_ 20 \_\_\_\_

Customer

Place for stamp

\_\_\_\_\_/\_\_\_\_\_  
\_\_\_\_ 20 \_\_\_\_

## 10 PRODUCT MOVEMENT IN THE COURSE OF OPERATION

Information on the product movement in the course of operation is given in Table 10.

Table 10 - Product movement in the course of operation

Date of installation	Place of installation	Date of removal	Operating time		Purpose of removal	Signature of person carried out installation (removal)
			since the beginning of operation	since the last repair		

### 10.1 The product receiving and transfer

Data on the product receiving and transfer are given in Table 11.

Table 11 – The product receiving and transfer

Date	Product condition	Date of removal	Enterprise, position and signature		Note
			transferred	received	

### 10.2 Data of the product assignment during operation

Data of the product assignment during operation are given in Table 12.

Table 12 – Data of the product assignment during operation

Name of the product (component) and designation	Position, family name and initials	Basis (name, number and date of document)		Note
		appointed person	withdrawal of appointment	

# 11 RECORD OF THE PRODUCT OPERATION

Information on the product operation record is given in Table 13.

Table 13 – Information on the product operation record

Date	Purpose of work	Time of		Operation duration	Operating time		Person carried out work	Position, name and signature of a person maintaining Product Status Record
		Work beginning	Work finishing		since the last repair	since the beginning of operation		

## 12 MAINTENANCE RECORD

Information on the product maintenance record is given in Table 14.

Table 14 – Information on the product maintenance record

Date	Kind of maintenance	Operating time		Basis (name, number and date of document)	Position, family name and signature of person		Note
		since the last repair	since the beginning of operation		Carried out work	Inspected work	

## 13 RECORD OF WORK MADE ACCORDING TO BULLETINS AND ORDERS

### 13.1 Record of work made according to bulletins

Information on record of work made according to bulletins is given in Table 15.

Table 15 – Record of work made according to bulletins

Bulletin number	Brief description of work	Specified term for work completion	Date of completion	Position, name and signature of person	
				Carried out work	Inspected work

### 13.2 Record of work made according to Customer order

Information on record of work made according to Customer order is given in Table 16.

Table 16 – Record of work made according to Customer order

Order number	Brief description of work	Specified term for work completion	Date of completion	Position, name and signature of person	
				Carried out work	Inspected work

## 14 WORK IN THE COURSE OF OPERATION

### 14.1 Work record

Information on work record in the course of operation is given in Table 17.

Table 17 – Work record

Date	Name and purpose of work	Position, name and signature		Note
		Carried out work	Inspected work	





### 14.3 Periodic monitoring of main operational and technical characteristics

Data on periodic monitoring of main operational and technical characteristics are given in Table 18.

Table 18 – Periodic monitoring of main operational and technical characteristics

Name and meas. unit of monitored parameter	Nominal value	Limiting values	Frequency of measuring	Measuring results					
				Date	Value	Date	Value	Date	Value
Average current at standby mode	0.4 A	0.3 –0.5 A	1 year						
Average current at operation mode	2.0 A	1.0 –3.0 A	1 year						
Maximum current consumption	5 A	--	1 year						
Supply voltage	24.0 V	19.0 – 29.0 V	1 year						



Note — In Table 18, the first four columns fills in the product manufacturer, the next column – inspecting person.

#### 14.4 Information on claims

In case of the product malfunction due to manufacturer fault before the warranty period is expired, a claim shall be filed.

All claims and wishes shall be sent to the address:

Vozrozhdenie LLC

192289 St. Petersburg, Sofiyskaya str., 66

Phone / Fax +7 (812) 366 15 94 (from 9-00 to 16-00)

Phone +7 (812) 366-15-94 (from 9-00 to 16-00)

Web-site: [www.oxgard.com](http://www.oxgard.com)

E-mail address: [support@oxgard.com](mailto:support@oxgard.com)

Information on claim should be entered into Table 19.

Table 19 – Information on claim

Date of receipt	Claim description	Taken measures	Date of the measures

## 15 STORAGE

The product should be stored in dry (without condensation) heated room at temperature from +1 to + 40°C. There should not be vapors of acids, alkalis and gases that cause corrosion in the storage room.

Short-term storage (no more than 3 days) of the product in original packaging in dry unheated rooms, closed bodies of transport is allowed.

After storage in unheated rooms, before commissioning, the product should be held in a room with normal climatic conditions for 12 hours.

Information on the product storing is given in Table 20.

Table 20 – Storage

Date		Storing conditions	Kind of storage	Note
Received for storage	Removed from storage			

## 16 REPAIRS

### 16.1 Brief description on the repairs performed

Swing gate Oxgard K-14 \_\_\_\_, serial number №\_\_\_\_\_

\_\_\_\_\_

name of enterprise

\_\_\_\_\_

date

Operating time since the beginning of operation \_\_\_\_\_

parameter characterizing resource or service life

Operating time since the last repair \_\_\_\_\_

parameter characterizing resource or service life

Cause of repair \_\_\_\_\_

Description on the repairs performed \_\_\_\_\_

kind of repair and brief description

### 16.2 Data of acceptance tests

Data of acceptance tests are given in Table 21.

Table 21 – Data of acceptance tests

Date	Control parameter	Result	Position, name and signature of inspecting person

### 16.3 Acceptance Certificate and Warrantee

Swing gate Oxgard K-14 \_\_\_\_, serial number № \_\_\_\_\_

\_\_\_\_\_ according to \_\_\_\_\_  
Kind of repair                      name of enterprise                      kind of document

It is accepted according to mandatory requirements of the state standards and acting technical documentation and is recognized suitable for operation.

Resource to the next repair \_\_\_\_\_  
Parameter defining the resource

\_\_\_\_\_ within operation life \_\_\_\_ years

(year), including shelf life \_\_\_\_\_  
storage conditions, years (year)

The repair contractor guarantees compliance of a product with requirements of acting technical documentation at observance by Consumer of requirements of acting documentation.

Head of Quality Department

Place for stamp

\_\_\_\_\_/\_\_\_\_\_/

\_\_\_\_ 20 \_\_\_\_





## 18 INFORMATION ON UTILIZATION

The product does not contain elements which pose a danger to the environment; the product is explosion- and fire-proof, so disposal does not require any special measures.



## 19 CHECK OF THE PRODUCT CONDITION AND ON MAINTAINING THIS PRODUCT STATUS RECORD

Data on check of the product condition and on maintaining this Product Status Record are given in Table 22.

Table 22 – Check of the product condition and on maintaining this Product Status Record

Date	Kind of check	Position of inspecting person	Conclusion and assessment of inspecting person		Signature of inspecting person	Remark on the comment elimination and signature
			on the product condition	on the Product Status Record maintaining		

## 20 DATA ON PURCHASE

Data on purchase are given in Table 23.

Table 23 – Data on purchase

Seller	
Buyer	
Date of purchase	
Signature of Seller and stamp of organization	
Signature of Buyer	

## 21 DATA ON INSTALLATION

Data on installation are given in Table 24.

Table 24 – Data on installation

Installed organization	
Installation date	
Purchase date	
Name and signature of foreman	
Signature of Buyer	

In total, \_\_\_\_ numbered pages are in the Product Status Record

Head of enterprise

Place for stamp

\_\_\_\_\_/\_\_\_\_\_/

\_\_\_\_ 20 \_\_\_\_

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