



VOZROZHDENIE, LLC

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APPROVED

VZR.235900.000 LU

TURNSTILE MODEL CUBE C-04

C-04-c, C-04-K, C-04-Kc, C-04-H, C-04-Hc, C-04-HK, C-04-HKc

VZR.235900.000 DTS DATASHEET

Sheets 40

2019

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The following abbreviations have been adopted for use herein:

DTS – Datasheet;

OM – Operational Manual;

IG – Installation Guidelines;

PSU – Power Supply Unit;

RC panel –Remote Control Panel;

AMCS – Access Monitoring and Control System.

1. GENERAL GUIDELINES

This Datasheet (DTS) applies to Turnstile Oxgard Cube C-04 and its modifications (hereinafter referred to as “the product”).

Prior to operating the product, please read Operational Manual (VZR.235900.000 RE). The product shall be installed in accordance with Installation Guidelines (VZR.235900.000 IG).

The Datasheet shall be kept permanently with the product.

All records in the Datasheet shall be made clearly and neatly using black china ink or ink. Erasures, crossed-out words and unauthenticated corrections are not allowed. All corrections shall be certify by a signature and QCD stamp.

The person who have accepted the product for operation is responsible for its integrity and correct filling in the Datasheet.

The product shall be sent for repair along with this Datasheet, in which the number of working hours from the product operation commencement is specified, as well as with its Technical Condition Report.

When transferring the product to other enterprise, aggregate summarized records on its life time shall be certified by the seal of the enterprise that transfers the product.

The persons responsible for the product in the course of its operation and storage shall fill in the corresponding Sections regularly.



Note — Generally, the product operation includes using it as intended, its transportation, storage, maintenance and repair.

2. BASIC INFORMATION

Turnstile Oxgard Cube C-04 is designed for authorized passing of a stream of people, as well as the people passage management during arrangement of access monitoring and control at the checkpoints.

Basic information is given in Table 1.

Table 1 - Product Basic Information

Product description	Turnstile Oxgard Cube C-04
Manufacturer's name	Vozrozhdenie, LLC
Manufacturer's address	66, Sofiyskaya Str., Saint Petersburg, 192289, Russia
Specifications	TU 26.30.50-007-33120038-2017
Product serial number	
Issue date	
SW Version	FW v2.2
Declaration of Conformity Eurasian Economic Union	
PROMTEHSTANDART Certificate	

Product modifications:

- 1) Cube C-04;
- 2) Cube C-04-c;
- 3) Cube C-04-K;
- 4) Cube C-04-Kc;
- 5) Cube C-04-H;
- 6) Cube C-04-Hc;
- 7) Cube C-04-HK;
- 8) Cube C-04-HKc.

3. BASIC PERFORMANCE DATA

The product basic performance data is given in Table 2.

Table 2 - Basic Performance Data

Parameter description	Value	
	Turnstile	RC panel
Overall dimensions (HxWxL), mm: - in operating condition - with assembled arms	1000x950x735 1000x950x195	25x107x107
Weight, kg	50.0	0.5
Temperature range, °C: - operation - transportation and storage	+1...+40 +1...+40	+1...+40 +1...+40
Relative air humidity, %, maximum	80	80
Width of formed passage, mm	565-595	
Through-flow rate, pax per min	30	
Max number of connected panels, pcs.	2	
Service life, years	8	8

The product electrical characteristics are given in Table 3.

Table 3 - Electrical Characteristics

Parameter description	Value	
	Turnstile	RC panel
Power supply voltage (direct current), V: - nominal - operating	12.0 10.8...13.2	12.0 7.5...15.0
Average current in suspended mode*, A	1.5	
Average current in passage mode*, A	1.5	
Maximum consumption current*, A	3.0	



Note — * the values of current are specified upon nominal power supply voltage

The product inspection results are given in Table 4.

Table 4 - Product inspection

Data	Reason for inspection	Life time from operation commencement	Inspection results			Inspector's position, surname and signature
			Maximum consumption current, A	Current in suspended mode, A	Current in passage mode, A	

4. INDIVIDUAL PECULIARITIES

The product installation shall be carried out by qualified specialists in accordance with Installation Guidelines (VZR.235900.000 IG).

Passage zone shall be provided to avoid unauthorized passages and recording of passages during product work under AMCS control.



Note - The manufacturer reserves the right to change the product's scope of supply, technical data and appearance without any additional notices.

5. COMPLETENESS

5.1 Product Component Parts

The product component parts are given in Table 5.

Table 5 - Product Component Parts

Product designation	Product description	Quantity	Serial number	Note
Turnstile	Cube C-04	1		
RC panel	Praktika Remote Control Panel	1		
Power supply unit*		1		
Reader for PC*		1		
Card collector*		1		
Barrier section set*	Praktika barrier	1		

5.2 Spare Parts, Tools, Accessories

The spare parts, tools and accessories for the product are given in Table 6.

Table 6 - Spare Parts, Tools, Accessories

Product designation	Product description	Quantity	Serial number	Note
Keys	Latch keys	4	-	
Screw anchor*	FH 10/10 SK	6	-	
Hex wrench*	Hex key S5	1	-	

5.3 Limited Life Span Items

The limited life span items are given in Table 7.

Table 7 - Limited Life Span Items

Product designation	Product description	Quantity	Serial number	Note



Note — In Tables 5, 6 and 7: the product parts marked (*) are supplied optionally

5.4 Operating Documentation

Composition of operating documentation for the product is given in Table 8.

Table 8 - Operating Documentation

Product designation	Product description	Quantity	Serial number	Note
VZR.235900.000 AS	Approvals Sheet	1	-	
VZR.235900.000 LOD	List of Operating Documents	1	-	
VZR.235900.000 DTS	Datasheet	1	-	
VZR.235900.000 OM	Operational Manual	1	-	
VZR.235900.000 IG	Installation Guidelines	1	-	

6. LIFE SPANS, SERVICE AND SHELF LIFE, MANUFACTURER'S WARRANTIES

6.1 Life span, service and shelf life

The product assigned service life makes 8 years. During this period (upon expiry of the guarantee period - according to the Agreement), the manufacturer undertakes to provide the product operation servicing:

- 1) to assist the operating enterprise in acquisition, repair and replacement of the product failing parts;
- 2) to inform the operating enterprise on the product purchased elements no longer in production and replaced for more improved ones independently;
- 3) to assess condition of the product parts, with development of activities for their serviceability support, together with the operating enterprise, if necessary;
- 4) to take measures on the product improvement and development.

The life span and service life for incoming component items are determined based on individual passport certificates (datasheets).

The specified life spans, service and shelf life are valid provided that the customer complies with the current operating documentation requirements.

6.2 Manufacturer's Warranties

The product operation warranty period makes 24 months from the date of sale by the manufacturer provided that the consumer observes all guidelines specified in the Installation Guidelines and Operational Manual.

The sale date is specified in the Product Datasheet. With no available date of sale, the warranty period starts from the date of product production, which is indicated in the Datasheet.

In case of malfunctions, address the authorized dealers or the nearest authorized Service Center. The warranty terms and conditions provide for free replacement of parts, assemblies, units, etc., in which the workmanship defect was

detected. The warranty is provided in case the owner complies with requirements for maintenance performance according to Maintenance Manual.

The List of the authorized dealers and service centers is given in Operational Manual and is available on the web-site: www.oxgard.com

The warranty terms and conditions do not provide for transportation expenses and the expert's visit to the product operation site for its connection, adjustment, repair or advice.

The post-warranty service is carried out according to the rates established by the service center. In case of non-warranty repair, the guarantee period for the replaced parts and assemblies makes 3 months and starts from the date of the fault-free product departure at the Purchaser's address.

All replaced parts, assemblies, units, etc. pass into service center property carrying out the product warranty and post-warranty repair.

All claims for quantity, completeness and appearance of the supplied product are accepted by the manufacture in written within the period no later than 5 (five) working days from the moment of getting the product by the Purchaser. In case of failure to observe the above term, the claims for the supplied product according to the listed reasons are not accepted.

The Service Center has the right to refuse the warranty repair in the following cases:

- 1) upon available defects arising as a result of the consumer's violation of guidelines stated in Installation Guidelines VZR.235900.000 (IG) and Operational Manual VZR.235900.000 (OM);
- 2) unintended use of the product;
- 3) upon available signs of the product construction change by the user;
- 4) upon available mechanical damage obtained as a result of fire, impact or accident exposure, etc;
- 5) upon available mechanical damage obtained as a result of the product operating with exceeding the limits of use and load characteristics declared by the manufacturer;

- 6) upon available electrical damage of the product assemblies and parts obtained as a result of voltage surges in mains, incorrect connections an selection of the feeder cable;
- 7) upon available electrical and other damage of the product assemblies and parts due to ingress of water and other fluids on them;
- 8) upon available damage related to vital activities of small animals and insects;
- 9) upon available signs of independent repair outside the authorized service center, as well as defects obtained as a result of using non-original spare parts;
- 10) upon available faults arising as a result of standard wear or service life expiry of the product components (consumables, fuses and similar component parts).

8. PACKING CERTIFICATE

Turnstile Oxgard Cube C-04 ____, serial number No. _____

Packaged by _____
manufacturer's name or code

according to requirements prescribed by the current technical documentation.

Packaged by _____
position personal signature full name

_____, 20__

9. ACCEPTANCE CERTIFICATE

Turnstile Oxgard Cube C-04 ___ serial number _____ was manufactured and accepted in accordance with mandatory requirements of state standards, current technical documentation and was recognized as useful for operation.

Head of QCD

QCD stamp

_____/_____/

_____, 20__

Reason for Supply _____

Enterprise Director

L.S.

_____/_____/

_____, 20__

Customer

L.S.

_____/_____/

_____, 20__

10.1 Product Acceptance and Transfer

Information on the product acceptance and transfer is given in Table 11.

Table 11 - Product Acceptance and Transfer

Date	Product condition	Date of withdrawal	Enterprise, position and signature of the person, who		Note
			handed in	received	

10.2 Information on product allocation during operation

Information on product allocation during operation is given in Table 12.

Table 12 - Information on product allocation during operation

Description of product (component part) and designation	Position, surname and initials	Reason (document name, number and date)		Note
		Allocation	Deallocation	

13. WORK RECORD BY REPORTS AND CHECKLISTS

13.1 Work Record by Reports

Information on work record by reports is given in Table 15.

Table 15 - Work Record by Reports

Report number	Executive summary of works	Established deadline	Completion date	Position, surname and signature of	
				work executor	work inspector

13.2 Record of work carried out by Customer's Guidelines

Information on work record by Customer's Guidelines is given in Table 16.

Table 16 - Work Record by Customer's Guidelines

Guideline	Executive summary of works	Established deadline	Completion date	Position, surname and signature of	
				work executor	work inspector

14.3 Periodic control of basic operating and technical characteristics

Information on periodic control of basic operating and technical characteristics is given in Table 18.

Table 18 - Periodic control of basic operating and technical characteristics

Description and unit of measurement of characteristic under test	Nominal value	Limit deviation	Periodicity of control	Monitoring results					
				Date	Value	Date	Value	Date	Value
Average current in suspended mode	1.5 A	1.35 - 1.65 A	1 year						
Average current in passage mode	1.5 A	1.35 - 1.65 A	1 year						
Maximum consumption current	3.0 A	--	1 year						
Power supply voltage	12.0V	10.8 - 13.2V	1 year						



Note — The product manufacture fills in the first four columns of the Table 18, the inspector controlling characteristics fills in the following columns.

15. STORAGE

The product is allowed for storing in dry heated rooms (without moisture condensation) under temperature from +1 to +40°C. There shall be no vapors of acids and alkalies, as well as gases causing corrosion in the storage rooms.

The short-term, maximum for 3 days, storage of the turnstile in the original packages is allowed in the dry non-heated rooms and in the enclosed transport bodies.

Prior to putting into operation after storage in the unheated rooms, the turnstile shall be kept in the room under normal climatic conditions during 12 hours.

Information on product storage is given in Table 13.

Table 20 - Storage

Date of		Conditions of storage	Type of storage	Note
receipt for storage	withdrawal from storage			

16. REPAIR

16.1 Brief on performed repair

Turnstile Oxgard Cube C-04 ____, serial number No. _____

_____ enterprise name _____ date

Life time from operation commencement _____
parameter defining life span or service life

Life time after last repair _____
parameter defining life span or service life

Reason of arrival for repair _____

Information on repair performed _____
type of repair and summary on repair

16.2 Acceptance Test Data

The Acceptance Test data is given in Table 21.

Table 21 - Acceptance Test Data

Date	Target value	Monitoring result	Inspector's position, surname and signature

16.3 Acceptance Certificate and warranties

Turnstile Oxgard Cube C-04 ____, serial number No. _____

_____ according to _____
type of repair enterprise name type of document

Accepted in accordance with mandatory requirements of state standards, current technical documentation and was recognized as useful for operation.

Life span before next repair _____
parameter determining life span

_____ during service life ____ years

(year), including storage period _____
storage conditions years (year)

The Repair Contractor guarantees that the product complies with the current technical documentation requirements provided that the Consumer meets the requirements of the current operating documentation.

Head of QCD

L.S.

_____/_____/

_____, 20__

18. INFORMATION ON DISPOSAL

The product does not contain the elements posing hazards for environment, it is explosion and fireproof, therefore, no special actions for its disposal are required.

20. INFORMATION ON SALE

Information on sale is given in Table 23.

Table 23 - Information on Sale

Seller	
Purchaser	
Date of sale	
Seller's signature and corporate seal	
Purchaser's signature	

21. INFORMATION ON INSTALLATION

Information on installation is given in Table 24.

Table 24 - Information on installation

Installer	
Date of installation	
Date of sale	
Expert's surname and signature	
Purchaser's signature	

In total, ___ numbered pages in the Datasheet

Enterprise Director

L.S.

_____ / _____ /

_____, 20__

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