ELTEX®

Russian designer and manufacturer
of communication equipment

ABOUT COMPANY

- **28 years of experience** in designing and manufacturing telecommunication equipment
- More than **750 employees**
- **14 software development laboratories**
- **2 industrial complexes** in Novosibirsk (Russia) and Almaty (Kazakhstan)
- **More than 100 partner companies** in Russia, CIS, Europe, Asia and the Middle East
- **More than 1500 client companies**
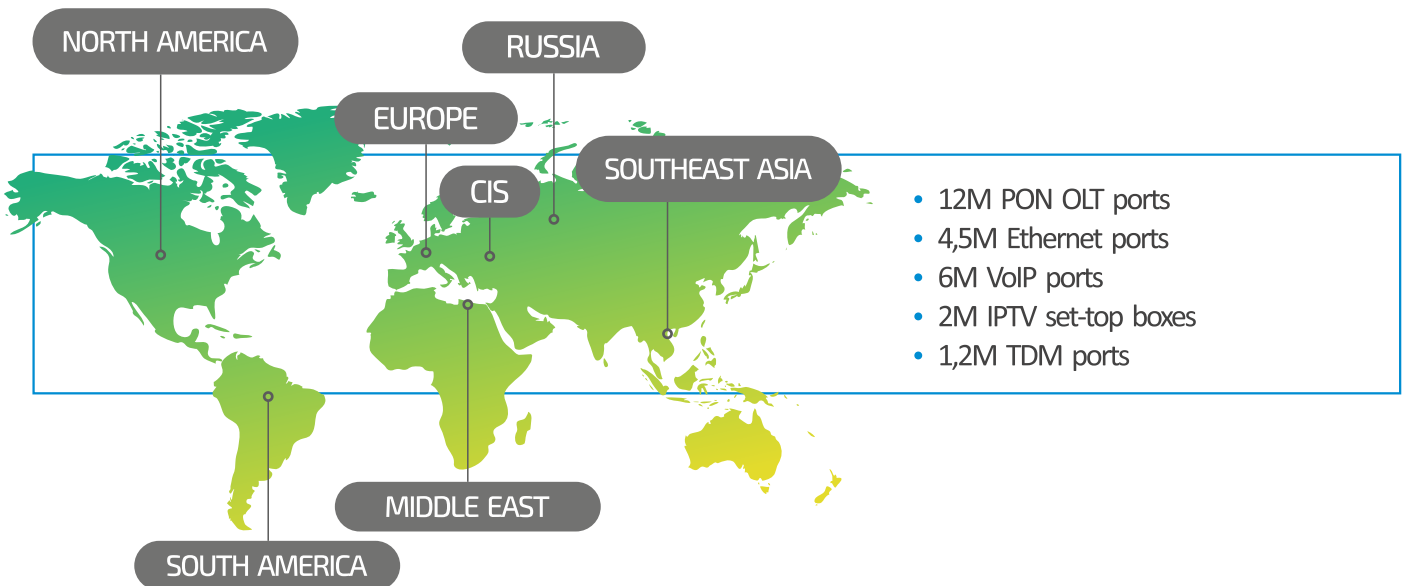
1 Development

- Hardware
- Software

2 Manufacture

- Surface-mount technology
- Through-hole technology
- Assembling
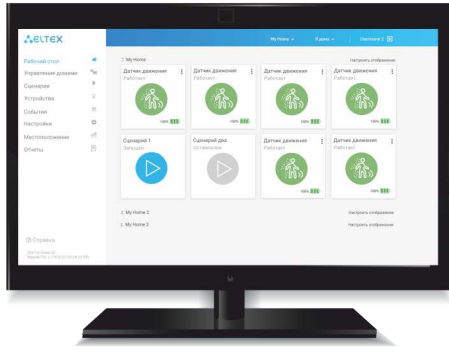- Software installation
- Testing of serial production equipment

3 Maintenance

- Technical support
- Service center
- Software updating
- Repair

NORTH AMERICA
RUSSIA
EUROPE
CIS
SOUTHEAST ASIA
MIDDLE EAST
SOUTH AMERICA

- 12M PON OLT ports
- 4,5M Ethernet ports
- 6M VoIP ports
- 2M IPTV set-top boxes
- 1,2M TDM ports

Rostelecom SAT-TRAKT TELECOMMUNICATIONS m:tel VimpelCom GAZPROM

ORION telekom SBERBANK idtech SMART CONNECTIONS iPHOTONIX ELTEX

AUTOMATIC METER READING

"ELTEX SC" platform

Hardware-sortware system for construction solutions on the basis of IoT technology.

It can be used to provide Smart control, Smart office and Smart building services as well as to collect data from metering devices. The system allows to construct digital economy infrastructure.

Name	Controller with the function of recorder	Recorders			Converters	
	Energy consumption recorder	Energy consumption recorder	Water and heating consumption recorder	Water and heating consumption recorder	MD1-CV-RS485A	MD1-CV-RS232A
	SZ-CP04EC	SZ-P04C	SZ-W02	SZ-W08		
Device image						

Basic technical specifications					MD1-CV-RS485A and MD1-CV-RS232A converters allow to connect individual metering devices and communal meters with a digital interface (RS-485, RS-232) as well as to convert their data according to the Ethernet technology	
Processor	Realtek 1 GHz					
RAM	128 MB					
Flash	32 MB					
OS	Linux					

Interfaces					**Interfaces**	
Ethernet	10/100Base-T (RJ-45)				10/100Base-T (RJ-45)	
Pulse input	4	4	2	8		

Wireless interface parameters						
Transmitter power	6 dBm				RS-485	RS-232
Frequency range	869 dBm					
Receiver sensitivity	103 dBm					
Max operating distance	30 m					

Physical parameters and parameters of environment						
Power supply	230/400V 50 Hz	230/400V 50 Hz	Power battery: CR123A (battery average work time is 4 year)		12V	
Operating temperature	from 0 to 55°C				from 0 to 55°C	
Operating humidity	20-80%				20-80%	
Form factor	Plastic case for DIN rail mounting	Plastic case for DIN rail mounting	Waterproof plastic case		Plastic case	
Dimensions (WxHxD)	106.25x90.2x57.5	71x90.2x57.5	64x58x35	145x65x40	90x50x32	