

ASSOCIATION

«SOUTH URAL INSTRUMENT ENGINEERING CLUSTER «PLANAR»

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Industrial Cluster PLANAR presents to you a highly technological range of technical solutions, that is usable for a lot of spheres.

MEASUREMENT EQUIPMENT SOLUTIONS.

Industries like manufacturing, space, radio electronics, 5G projects needs in high precision measuring equipment for figure out parameters. PLANAR is the one of top vector network analyzer (VNA) producer in the world, market share is near 10%.

VNA models comparison (example):

Producer	Keysight Technologies Inc		PLANAR
VNA model	E5071-2K5	N5222B-200	C1220
Series	ENA	PNA	COBALT
Ports, number	2 or 4	2 or 4	2 or 4
Series level	Midrange	Hi-end	Midrange
Price for Russia, US \$	77 286 (excluding software options)	110 682 (excluding software options)	39 000 (including software options)
Frequency	300kHz...20GHz	10kHz...26,5GHz	100kHz...20GHz

PLANAR is the single Russian producer of equipment (parameter analyzers) for quality measurements for digital and analog TV transmitters («RAP CTV») and supplier of The Ministry of communication and mass media of the Russian Federation in terms of digital TV transition federal government program.

PLANAR parameter analyzers are useful for cable TV creation, that include items like headend, boosters, equipment for optical data transmission, filters and valves, systems for multiservice network remote monitoring and controlling.

INDUSTRIAL INTERNET OF THINGS (IIoT) SOLUTIONS.

Gas distribution networks (GDN), hazardous productions, housing and utilities sector, other spheres must have telemetry devices that could receive exact and prompt information and figures that help to make right decisions, avoid accidents and save money. Telemetry devices «PLANAR» designed and assembled by PLANAR provide remote and online GDN facilities monitoring using only one control center. In addition, PLANAR is able to implement Industrial Internet of Things for GDN including hardware, software and wireless network service.

PLANAR has a great experience (over 15 years) of creation and producing security system (remote monitoring systems) for movable and immovable objects.

There are some IIoT projects for industries like metal, electric power, oil and etc, that has been developing by PLANAR.

CONTACTS:

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