





64000

TM-6-

64K-P-EN-WIN

1889

#### Price List of Products and Services. Effective since 01.09.2017, Page. 1

### DEVELOPMENT SYSTEM

#### TRACE MODE<sup>®</sup> 6 for Windows. Free development system. English version.



Free integrated SCADA/HMI-SOFTLOGIC-MES-EAM-HRM development environment for 64000 I/O points for process control and manufacturing management automation. Includes full set of editors and a profiler Runtime (for 1 hour of continuous operation in real time), history logger and alarm server. Autobuilding. Built-in drivers. ODBC/OPC/DDE support. Basic line. Electronic documentation in English. Technical support in English through www.tracemode.com Product code FTM-6-64K-B-EN-WIN. Price Free of charges!

### TRACE MODE<sup>®</sup> 6 for Windows. Development system. English version.



Integrated SCADA/HMI-SOFTLOGIC-MES-EAM-HRM development environment for process control and manufacturing management automation. Includes full set of editors and a profiler runtime (for 2 hours of continuous operation in real time), history logger and alarm server. Autobuilding. Built-in drivers. ODBC/OPC/DDE support. English version. Comes with printed English-language documentation. Full technical support. Download edition

Professio	nal line:											
Number of I/O points	16	32	64	128	256	512	1024	2048	4096	8192	32000	64000
Product	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-
code	16-P-	32-P-	64-P-	128-P-	256-P-	512-P-	1K-P-	2K-P-	4K-P-	8K-P-	32K-P-	64K-P-
	EN-	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN
	WIN											
Price, USD***	218	237	255	361	457	699	992	1040	1199	1315	1612	1889
Upgrade (	for TRACE	MODE 5 (	users):	-							-	
Product				TM-6-128-		TM-6-512-	TM-6-1K-				TM-6-32K-	TM-6-64K-
code				P-EN-WIN-		P-EN-	P-EN-				P-EN-WIN-	P-EN-WIN-
				U		WIN-U	WIN-U				U	U
Price, USD***				262		525	743				1209	1412
										•		

#### User Manual TRACE MODE<sup>®</sup> 6

User Manual 2 books of technical English-language documentation. English version.

Product code RP-6-EN-WIN. Price 150 USD\*\*\*

### **Quick Start TRACE MODE® 6**

Quick Start manual for beginners with step by step examples of simple projects creation. 1 book.

Product code BS-6-EN-WIN. Price 20 USD\*\*\*

### Project conversion TRACE MODE<sup>®</sup> 6 (shift from the basic to the professional line)

All projects developed in the basic line development system may be converted into professional format. The Price for conversion depends of number of I/O points. The users, who convert projects into the professional format are entitled to the complimentary copy of TRACE MODE professional development system.

Project's	s conver	sion fro	m the ba	isic to th	ne profes	ssional f	format:				
Number of I/O points	16	32	64	128	256	512	1024	2048	4096	8192	32000
Product	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-	TM-6-
code	16-P-	32-P-	64-P-	128-P-	256-P-	512-P-	1K-P-	2K-P-	4K-P-	8K-P-	32K-P-
	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN
Price,	218	237	255	361	457	699	992	1040	1199	1315	1612

Price. USD<sup>3</sup>

# **RUNTIMES of SCADA level (Servers)**

#### Real time monitor (RTM) TRACE MODE® 6 for Windows. English version.



HMI-ENntime. Main features: data acquisition from I/O devices, primary data processing, process control with the IEC 6-1131/3 standard programs; HMI visualization of information on screens and trends, alarming, HMI-information provision through TCP/IP network to TRACE MODE clients and servers;

It includes real time server, graphical client, alarm server, drivers for controllers, electrical meters and I/O devices, OPC-client, DDEclient, DDE-server, SQL/ODBC driver. RTM 6 is licensed for 1 PC with different number of channels. Download edition

Professional line:													
Channels / Energy	15 / 2	<b>31</b> / 2	<b>63</b> / 2	<b>127</b> / 2	255 /	511 /	1023 /	2047 /	4095 /	8191 /	32000 /	64000 /	
meters					16	22	32	45	64	90	unlim	unlim	
Product	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	
code	16-P-	32-P-	64-P-	128-P-	256-P-	512-P-	1K-P-	2K-P-	4K-P-	8K-P-	32K-P-	64K-P-	
	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	

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Price List of Products and Services.	Effective since 01.09.2017. Page.	2
		_

		Price	List of Pr	oducts a	na Servic							
Price, USD***	197	199	201	203	454	1241	1862	2521	3565	4253	5316	6268
Basic line:												
Product	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-
code	16-B- EN-WIN	32-B- EN-WIN	64-B- EN-WIN	128-B- EN-WIN	256-B- EN-WIN	512-B- EN-WIN	1K-B- EN-WIN	2K-B- EN-WIN	4K-B- EN-WIN	8K-B- EN-WIN	32K-B- EN-WIN	64K-B- EN-WIN
Price,	197	199	<b>201</b>	203	454	1685	2484	3126	4180	4893	6091	7170
USD*** Real tim							nlish vor	sion				
itear tim											. 1 . 1 .	TECL
U		-ENntime fo /3 standard 1										
		IP network					sereens and	trends, alar	11111 <u>5</u> , 111011	mormation	i provision t	inougn
6	Inclu	des real time	e server, gra	phical clien	t, alarm serv	ver, drivers f	or controlle	rs and I/O d	evices. RT	M 6 is licen	sed for 1 PC	
		nload edition		•								
Profession Channels	nal line:											
Channels	15	31	63	127	255	511	1023	2047	4095	8191	32000	64000
Product	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-	RTM-6-
code	16-P- EN-LX	32-P- EN-LX	64-P- EN-LX	128-P- EN-LX	256-P- EN-LX	512-P- EN-LX	1K-P- EN-LX	2K-P- EN-LX	4K-P- EN-LX	8K-P- EN-LX	32K-P- EN-LX	64K-P- EN-LX
Price, USD***	220	277	385	599	990	1644	2086	2799	3895	4894	7904	9395
Real tim	e monite	r + (RT)	MT) TRA		)F® 6 foi	r Windov	vs Fnal	l Ish vers	ion	l		l
		HMI-ENnti								ocess contro	ol with the I	EC 6
		/3 standard p										
		IS SIAD/S										
		ludes real ti		-		-	-					
		rical meters										
		ent number										
Profession	nal line:											
Channels / Energy				<b>127</b> / 2	255 /	511 /	1023 /	2047 /	4095 /	8191 /	32000 /	64000 /
meters					16	22	32	45	64	90	unlim	unlim
Product				RTM-P-6- 128-P-EN-	RTM-P-6- 256-P-EN-	RTM-P-6- 512-P-EN-	RTM-P-6- 1K-P-EN-	RTM-P-6- 2K-P-EN-	RTM-P-6- 4K-P-EN-	RTM-P-6- 8K-P-EN-	RTM-P-6- 32K-P-EN-	RTM-P-6- 64K-P-EN-
code				WIN	WIN	WIN	WIN	WIN	WIN	WIN	WIN	WIN
Price,				596	999	1379	2074	2820	3962	4725	5907	6965
USD*** Basic line:												
Product				RTM-P-6-	RTM-P-6-	RTM-P-6-	RTM-P-6-	RTM-P-6-	RTM-P-6-	RTM-P-6-	RTM-P-6-	RTM-P-6-
code				128-B-EN-	256-B-EN-		1K-B-EN-	2K-B-EN-	4K-B-EN-	8K-B-EN-	32K-B-EN-	64K-B-EN-
				WIN	WIN	WIN	WIN	WIN	WIN	WIN	WIN	WIN
Price, USD***				862	1317	1872	2760	3474	4645	5437	6768	7967
OPC RT		l⊥ with h	uilt-in C	PC-serv	er) TRΔ		)F® 6 foi	r Windov	ws Fnal	ish vers	ion	
	-											1 1
F		broduct has a server, serve										
		rs and I/O de										
		er of channe										
	C											
OLE for Process Con	itrol											
Profession	nal line:											
Channels / Energy				<b>127</b> / 2	255 /	511 /	1023 /	2047 /	4095 /	8191 /	32000 /	64000 /
meters				, _	16	22	32	45	64	90	unlim	unlim
Product				RTM-PO-	RTM-PO-	RTM-PO-	RTM-PO-	RTM-PO-	RTM-PO-	RTM-PO-	RTM-PO-	RTM-PO-6-
code				6-128-P- EN-WIN	6-256-P-	6-512-P-	6-1K-P-	6-2K-P-	6-4K-P-	6-8K-P-	6-32K-P-	64K-P-EN-
				EIN-VVIIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	WIN
Price,				997	1458	1862	2697	3525	4953	5908	7154	8435
USD***												

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#### Real time monitor + with GSM interface (GSM RTM+) TRACE MODE® 6 for Windows. English version.



The product has all features of RTM+, and also has interface for connectivity to PCs and controllers run under TRACE MODE through GSM, SMS and GPRS. It includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, drivers for controllers,

electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. **GSM and GPRS interface**. GSM RTM+ 6 is licensed for **1 PC** with different number of channels. Download edition

#### Professional line: Channels / Energy

Channels /										1
Energy		<b>127</b> / 2	255 /	511 /	1023 /	2047 /	4095 /	8191 /	32000 /	64000 /
meters			16	22	32	45	64	90	unlim	unlim
Product		RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-
code		PG-6-	PG-6-	PG-6-	PG-6-	PG-6-	PG-6-	PG-6-	PG-6-	PG-6-
		128-P-	256-P-	512-P-	1K-P-	2K-P-	4K-P-	8K-P-	32K-P-	64K-P-
		EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN
Price, USD***		895	1399	1875	2579	3419	4559	5399	6699	7865
Basic line	-								<u>.</u>	
Product		RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-
code		PG-6-	PG-6-	PG-6-	PG-6-	PG-6-	PG-6-	PG-6-	PG-6-	PG-6-
		128-B-	256-B-	512-B-	1K-B-	2K-B-	4K-B-	8K-B-	32K-B-	64K-B-
		EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN
Price,		1169	1717	2375	3259	4074	5245	6139	7568	8867
USD***										l

### Adaptive RTM+ (RTM+ with adaptive control) TRACE MODE<sup>®</sup> 6. English version.



It has all features of RTM+ and includes automatic (adaptive) PID-loops self tuning system. Adaptive RTM is based on original know how technology. Adaptive PID-loops self tuning ensures better quality of control at any time for a wide class of stationary and non-stationary processes being automated.

It includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, drivers for the controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver, automatic (adaptive) PID-loops self tuning system It's licensed for **1 PC** with different number of channels. Download edition

Professional line:

Professional I	line:			-							
Channels / Energy meters			<b>127</b> / 2	<b>255</b> / 16	<b>511</b> / 22	1023 / 32	<b>2047</b> / 45	<b>4095</b> / 64	<b>8191</b> / <i>90</i>	<b>32000</b> / unlim	<b>64000</b> / unlim
Product			RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-PA-
code			PA-6-	PA-6-	PA-6-	PA-6-	PA-6-	PA-6-	PA-6-	PA-6-	6-64K-P-
			128-P- EN-WIN	256-P- EN-WIN	512-P- EN-WIN	1K-P- EN-WIN	2K-P- EN-WIN	4K-P- EN-WIN	8K-P- EN-WIN	32K-P- EN-WIN	EN-WIN
Price, USD***			1096	1499	1879	2574	3320	4462	5225	6407	7465
Basic line:											
Product			RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-PA-
code			PA-6-	PA-6-	PA-6-	PA-6-	PA-6-	PA-6-	PA-6-	PA-6-	6-64K-B-
			128-B-	256-B-	512-B-	1K-B-	2K-B-	4K-B-	8K-B-	32K-B-	EN-WIN
			EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	
Price, USD***			1362	1817	2372	3260	3974	5145	5937	7268	8467
<b>Double For</b>	rce RTM+ TR	ACE MO	DE® 6 fo	r Windo	ws. Eng	lish vers	sion.				
	Double Force I redundancy sys		nts <b>two</b> real t	ime monito	rs (TRACE	MODE® 6	SCADA/HN	MI real time	servers) wi	th automatic	e hot
	redundancy sys It includes real electrical meter	tem. time server, s s and I/O dev	erver of the ices, OPC-cl	real time DI lient, DDE-0	BMS SIAD/ client, DDE-	SQL 6, grap -server, SQI	hical client, /ODBC dri	, alarm serve	er, drivers fo	or the contro	ollers,
Professional	redundancy sys It includes real electrical meter product is licen	tem. time server, s s and I/O dev	erver of the ices, OPC-cl	real time DI lient, DDE-0	BMS SIAD/ client, DDE-	SQL 6, grap -server, SQI	hical client, /ODBC dri	, alarm serve	er, drivers fo	or the contro	ollers,

Channels / Energy				<b>127</b> / 2	<b>255</b> /	511 /	1023 /	2047 /	<b>4095</b> /	8191 /	32000 /	64000 /
meters					16	22	32	45	64	90	unlim	unlim
Product				RTM-PDF-	RTM-PDF-	RTM-PDF-	RTM-PDF-	RTM-PDF-	RTM-PDF-	RTM-PDF-	RTM-PDF-	RTM-PDF-
code				6-128-L2-	6-256-L2-	6-512-L2-	6-1K-L2-P-	6-2K-L2-P-	6-4K-L2-P-	6-8K-L2-P-	6-32K-L2-	6-64K-L2-
				P-EN-WIN	P-EN-WIN	P-EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	P-EN-WIN	P-EN-WIN
Price,				1432	2417	3310	4978	6768	9508	11342	14177	16716
USD***												
Double I	Double Force Doc GSM RTM+ 6 TRACE MODE® 6 for Windows. English version.											

# AdAstra Research Group, Ltd









**Double Force Doc GSM RTM+** contents **two** real time monitors (TRACE MODE® 6 SCADA/HMI real time servers) with automatic hot redundancy system, documentation and GSM support.

It includes real time server, server of the real time DBMS SIAD/SQL 6, Local Documentation server, GSM-server, graphical client, alarm server, drivers for the controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. Automatic hot redundancy system. The product is licensed for **2** PC with different number of channels and templates. Download edition

#### Professional line:

1101633101	iui iiiic.									
Channels /		407 / 0	0FF /	EAA /	4000 /	0047/	4005 /	0404 /	22000 /	C 4000 /
Energy		<b>127</b> / 2	255 /	511 /	1023 /	2047 /	4095 /	8191 /	32000 /	64000 /
meters			16	22	32	45	64	90	unlim	unlim
Product		RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-
code		PDFDG-6-	PDFDG-6-	PDFDG-6-	PDFDG-6-	PDFDG-6-	PDFDG-6-	PDFDG-6-	PDFDG-6-	PDFDG-6-
		128T10-	256T10-	512T10-	1KT10-L2-	2KT10-L2-	4KT10-L2-	8KT10-L2-	32KT10-	64KT10-L2-
		L2-P-EN-	L2-P-EN-	L2-P-EN-	P-EN-WIN	P-EN-WIN	P-EN-WIN	P-EN-WIN	L2-P-EN-	P-EN-WIN
		WIN	WIN	WIN					WIN	
Price,										
USD***		2487	3903	5230	7332	9758	13180	15624	19406	22795

#### DocRTM+ 6 (RTM+ with Documentation Server) TRACE MODE<sup>®</sup> 6. English version.



It has all features of RTM+ and also includes **report generator** for automatic building of html-format reports. The product provides data acquisition from I/O drivers, primary data processing, process control programming on the IEC 6-1131/3 standard programs; HMI visualization of information on screens and trends, real time data logging to industrial RT DBMS SIAD/SQL 6, **report generation**, alarming, HMI-information provision through TCP/IP network to TRACE MODE clients and servers.

**DocRTM**+ **6** includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, **Documentation server**, drivers for the controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. **Doc RTM**+ **6** is licensed for **1 PC** with double limitation on number of channels and document templates. Download edition

Profess	sional line:									
	Channels / Energy meters	<b>127</b> / 2	<b>255</b> / 16	<b>511</b> / 22	<b>1023</b> / 32	<b>2047</b> / 45	<b>4095</b> / 64	<b>8191</b> / 90	<b>32000</b> / unlim	<b>64000</b> / unlim
3	Product	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-6
document	code	6-128-P-	6-256-P-	6-512-P-	6-1K-P-	6-2K-P-	6-4K-P-	6-8K-P-	6-32K-P-	64K-P-EN-
templates		EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	WIN
1	Price, USD***	686	1156	1586	2385	3243	4556	5434	6793	8009
10	Product	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-PD-
	code	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	6-64KT10-
locument		128T10-	256T10-	512T10-	1KT10-	2KT10-	4KT10-	8KT10-	32KT10-	P-EN-WIN
emplates		P-EN-	P-EN-	P-EN-	P-EN-	P-EN-	P-EN-	P-EN-	P-EN-	
		WIN	WIN	WIN	WIN	WIN	WIN	WIN	WIN	
	Price, USD***	776	1307	1793	2697	3666	5151	6144	7680	9055
Unlimited	Product	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-6
document	code	6-128TU-	6-256TU-	6-512TU-	6-1KTU-P-	6-2KTU-P-	6-4KTU-P-	6-8KTU-P-	6-32KTU-	64KTU-P-
templates		P-EN-WIN	P-EN-WIN	P-EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	P-EN-WIN	EN-WIN
•	Price, USD***	3395	3804	4178	4873	5619	6761	7524	8706	9764
Basic li	ine:	•								
	Number of									
	channels	127	255	511	1023	2047	4095	8191	32000	64000
<u>}</u>	Product	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-PD-
<u>s</u> locument	code	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	6-64K-B-
emplates		128-B-	256-B-	512-B-	1K-B-	2K-B-	4K-B-	8K-B-	32K-B-	EN-WIN
		EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	
	Price, USD***	999	1515	2154	3174	3995	5342	6253	7783	9162
10	Product	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-	RTM-PD-
locument	code	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	PD-6-	6-64KT10-
emplates		128T10-	256T10-	512T10-	1KT10-	2KT10-	4KT10-	8KT10-	32KT10-	B-EN-WIN
empiates		B-EN-	B-EN-	B-EN-	B-EN-	B-EN-	B-EN-	B-EN-	B-EN-	
		WIN	WIN	WIN	WIN	WIN	WIN	WIN	WIN	
	Price, USD***	1122	1712	2435	3588	4517	6039	7069	8799	10358
U <b>nlimited</b>	Product	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-	RTM-PD-6-
locument	code	6-128TU-	6-256TU-	6-512TU-	6-1KTU-B-	6-2KTU-B-	6-4KTU-B-	6-8KTU-B-	6-32KTU-	64KTU-B-
emplates		B-EN-WIN	B-EN-WIN	B-EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	B-EN-WIN	EN-WIN
	Price, USD***	3661	4116	4671	5559	6273	7444	8236	9567	10766
	11100, 050	3001	4110	40/1	2228	02/3	/ 444	0230	3307	10/00

Doc GSM RTM+ (RTM+ With Documentation Server And GSM/GPRS Interface) TRACE MODE<sup>®</sup> 6. English version.

# AdAstra Research Group, Ltd







It has all features of DocRTM+ and also has interface for connectivity to PCs and controllers run under TRACE MODE through GSM, SMS and GPRS.

**Doc GSM RTM+ 6** includes real time server, server of the real time DBMS SIAD/SQL 6, graphical client, alarm server, **Documentation server**, drivers for the controllers, electrical meters and I/O devices, **GSM, GPRS and SMS interface**, OPCclient, DDE-client, DDE-server, SQL/ODBC driver. RTM 6 is licensed for **1 PC** with double limitation on number of channels and document templates. **Doc GSM RTM+ 6** is licensed for **1 PC** with double limitation on number of channels and document templates. Download edition

Profess	sional line:	 	_	_	-		-			
	Channels / Energy meters	<b>127</b> / 2	<b>255</b> / 16	<b>511</b> / 22	<b>1023</b> / 32	<b>2047</b> / 45	<b>4095</b> / 64	<b>8191</b> / <i>90</i>	<b>32000</b> / unlim	<b>64000</b> / unlim
3 docum ent templa tes	Product code	RTM-PDG- 6-128-P- EN-WIN	RTM-PDG- 6-256-P- EN-WIN	RTM-PDG- 6-512-P- EN-WIN	RTM-PDG- 6-1K-P- EN-WIN	RTM-PDG- 6-2K-P- EN-WIN	RTM- PDG-6-4K- P-EN-WIN	RTM-PDG- 6-8K-P- EN-WIN	RTM-PDG- 6-32K-P- EN-WIN	RTM-PDG 6-64K-P- EN-WIN
ies	Price, USD***	984	1550	2082	2890	3842	5153	6108	7585	8910
<u>10</u> docum ent templa tes	Product code	RTM- PDG-6- 128T10- P-EN- WIN	RTM- PDG-6- 256T10- P-EN- WIN	RTM- PDG-6- 512T10- P-EN- WIN	RTM- PDG-6- 1KT10- P-EN- WIN	RTM- PDG-6- 2KT10- P-EN- WIN	RTM- PDG-6- 4KT10- P-EN- WIN	RTM- PDG-6- 8KT10- P-EN- WIN	RTM- PDG-6- 32KT10- P-EN- WIN	RTM- PDG-6- 64KT10- P-EN- WIN
	Price, USD***	1075	1706	2289	3201	4265	5752	6848	8479	9959
<u>Unlimi</u> <u>ted</u> docum ent templa tes	Product code	RTM- PDG-6- 128TU- P-EN- WIN	RTM- PDG-6- 256TU- P-EN- WIN	RTM- PDG-6- 512TU- P-EN- WIN	RTM- PDG-6- 1KTU- P-EN- WIN	RTM- PDG-6- 2KTU- P-EN- WIN	RTM- PDG-6- 4KTU- P-EN- WIN	RTM- PDG-6- 8KTU- P-EN- WIN	RTM- PDG-6- 32KTU- P-EN- WIN	RTM- PDG-6- 64KTU- P-EN- WIN
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	Channels / Energy meters	<b>127</b> / 2	<b>255</b> / 16	<b>511</b> / 22	<b>1023</b> / 32	<b>2047</b> / 45	<b>4095</b> / 64	<b>8191</b> / <i>90</i>	<b>32000</b> / unlim	<b>64000</b> / unlim
<u>3</u> document templates	Product code	RTM- PDG-6- 128-B- EN-WIN	RTM- PDG-6- 256-B- EN-WIN	RTM- PDG-6- 512-B- EN-WIN	RTM- PDG-6- 1K-B- EN-WIN	RTM- PDG-6- 2K-B- EN-WIN	RTM- PDG-6- 4K-B- EN-WIN	RTM- PDG-6- 8K-B- EN-WIN	RTM- PDG-6- 32K-B- EN-WIN	RTM- PDG-6- 64K-B- EN-WIN
	Price, USD***	1305	1915	2656	3673	4596	5941	6954	8583	10062
<u>10</u> document templates	Product code	RTM- PDG-6- 128T10- B-EN- WIN	RTM- PDG-6- 256T10- B-EN- WIN	RTM- PDG-6- 512T10- B-EN- WIN	RTM- PDG-6- 1KT10- B-EN- WIN	RTM- PDG-6- 2KT10- B-EN- WIN	RTM- PDG-6- 4KT10- B-EN- WIN	RTM- PDG-6- 8KT10- B-EN- WIN	RTM- PDG-6- 32KT10- B-EN- WIN	RTM- PDG-6- 64KT10- B-EN- WIN
	Price, USD***	1421	2111	2931	4092	5116	6640	7773	9598	11262
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	Price, USD***	3960	4515	5167	6063	6872	8045	8940	10366	11670

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The product has all features of DocRTM+, and also **a built-in OPC-server** for connectivity to third parties applications. It includes real time server, server of the real time DBMS SIAD/SQL 6, Documentation server, **OPC-server**, graphical client, alarm server, drivers for controllers, electrical meters and I/O devices, OPC-client, DDE-client, DDE-server, SQL/ODBC driver. OPC **DocRTM+6** is licensed for **1 PC** with double limitation on number of channels and document templates. Download edition

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templates		128-P-	256-P-	512-P-	1K-P-	2K-P-	4K-P-	8K-P-	32K-P-	EN-WIN
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# AdAstra Research Group, Ltd







#### Price List of Products and Services. Effective since 01.09.2017, Page. 7

NetLink	liaht Cuuith C	roun Licon			lomoto	e 01.09.20			hvoroid					
				E MODE® 6. R										
	process additio monito TRACI	visualization and nal client worksta ring and control.	d supervisory c ations design fo With group lice	censing, additional cli control. NetLink Ligh or a distributed process ensing enabled, any I C in their LAN over 7	nt 6 provide ss control s NetLink Li	es easy, but a system. It pro ight user can	at the same ovides all n freely con	time, power ecessary fur nect his/her	rful solution nctions for r workstation	for the remote to				
				d for <b>3</b> , <b>5</b> , <b>9</b> , <b>17 PC</b> creens, programs, SQ				is connectio	ons only) wi	th				
Profession			······ (	·····, ···, ···, ···, ···, ···, ···, ·	(_ <b>1</b> )	,								
Number of				F		0			47					
PC's Product code	3 NLL-G-6-UT-GL	3-P-EN-WIN	NLL-G-6-UT	5 T-GL5-P-EN-WIN	NLL-G-	9 6-UT-GL9-P-	EN-WIN.	NLL-G-6	17 G-UT-GL17-P	P-EN-WIN				
Price, USD***	6378	6378 10206 18370 28917												
Data Cer	nter TRACE M	ODE <sup>®</sup> 6 for	Windows.	. English versi	on.									
	Internet Data C TRACI via bro Data C program	et/Intranet or wi Center provides a E MODE servers wser or TRACE enter licensing is	reless networks web-gateway c (RTM on PC a MODE SCADA based on concu	ed and wireless access s ( <b>GSM, GPRS, Wi</b> - capability for the loca and Micro RTM in co A Mobile application urrent connections of , 8, 16, 32, and unlim	Fi, Blueto al control s ontrollers) as for mobi f the client	ooth) systems. The via I-NET (T le phones (Ja devices (PC)	software re CCP/IP) and ava MIDlet , mobile ph	eceives real l offers web s). ones, pocke	-time data fr access to th et PCs, etc.).	nese data				
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clients	4		8	16			32		Unlimited					
Product code	DC-WP-6-4-P-EN	I-WIN DC-W	P-6-8-P-EN-WI	N DC-WP-6-16-P	-EN-WIN	DC-WP-6	6-32-P-EN-\	N-WIN DC-WP-6-U		-P-EN-WIN				
Price, USD***	1332		2264	3849	1		6544	1112		5				
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T-Factor	, <sup>*</sup> RUNT <u>y RTM+ for W</u>			I-HRM leve	el									
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# AdAstra Research Group, Ltd









# **RUNTIMES of SOFTLOGIC level**

#### Micro TRACE MODE 6 OEM for WinPAC-8000 for Windows CE. English version.



Runtime software for execution of logical programs on the WinPAC-8000 and ViewPAC (also contains software for WinCon-8000) industrial controllers. Programmed in TRACE MODE development system. Includes real time server (Micro RTM), program interpreter in 5 languages of the IEC 6-1131/3 standard, graphical operator's interface (embedded HMI), embedded I/O cards drivers, Modbus host, energy meters drivers, IEC-60870-5-101. **Hot redundancy** for network, IO and PLC. Licensed for **1**, **10**, **100 controllers** with different number of channels. The price on **Micro TRACE MODE** significantly drops with number of licenses purchased. Download edition

Profess	sional line:								
	Channels / Energy meters	<b>63</b> / 1	<b>127</b> / 1	<b>255</b> / 2	<b>511</b> / 2	<b>1023</b> / 2			
For <u>1</u> PLC	Product code	MCTM- WP-6-64- L1-P-EN-	MCTM- WP-6- 128-L1-P-	MCTM- WP-6- 256-L1-P-	MCTM- WP-6- 512-L1-P-	MCTM- WP-6-1K- L1-P-EN-			
	Price, USD***	CE 238	EN-CE 375	EN-CE 589	EN-CE 926	CE 1456			
For <u>10</u> PLC	Product code	MCTM- WP-6-64-	MCTM- WP-6-128-	MCTM- WP-6-256-	MCTM-	MCTM- WP-6-1K-			
	Price, USD***	477	750	1179	1853	2912			
For <u>100</u> PLC	Product code	MCTM- WP-6-64- L100-P- EN-CE	MCTM- WP-6- 128-L100- P-EN-CE	MCTM- WP-6- 256-L100- P-EN-CE	MCTM- WP-6- 512-L100- P-EN-CE	MCTM- WP-6-1K- L100-P- EN-CE			
	Price, USD***	2550	4009	6302	9907	15574			

### Adaptive Micro TRACE MODE 6 OEM WinPAC-8000 for Windows CE. English version



Runtime software for execution of logical programs and embedded HMI on the WinPAC-8000 and ViewPAC (also contains software for WinCon-8000) industrial controllers. **Automatic PID, PDD loops self tuning.** Programmed in TRACE MODE development system. Includes real time server (Micro RTM), program interpreter in 5 languages of the IEC 6-1131/3 standard, graphical operator's interface (embedded HMI), embedded I/O cards drivers, Modbus host, energy meters drivers, IEC-60870-5-101. Hot redundancy for network, IO and PLC. Licensed for **1, 10, 100 controllers** with different number of channels. The price on **Micro TRACE MODE** significantly drops with number of licenses purchased. Download edition

#### Professional line:

110163	sional line:								
	Channels / Energy meters	<b>63</b> / 1	<b>127</b> / 1	<b>255</b> / 2	<b>511</b> / 2	<b>1023</b> / 2			
For <b>1</b>	Product code	MCTM-	MCTM-	MCTM-	MCTM-	MCTM-			
PLC		WPA-6-	WPA-6-	WPA-6-	WPA-6-	WPA-6-			
TLU		64-L1-P-	128-L1-P-	256-L1-P-	512-L1-P-	1K-L1-P-			
		EN-CE	EN-CE	EN-CE	EN-CE	EN-CE			
	Price, USD***	400	600	900	1350	2025			
For	Product code	MCTM-	MCTM-	MCTM-	MCTM-	MCTM-			
<u>10</u>		WPA-6-64-	WPA-6-	WPA-6-	WPA-6-	WPA-6-			
PLC		L10-P-EN-	128-L10-P-	256-L10-P-	512-L10-P-	1K-L10-P-			
The		CE	EN-CE	EN-CE	EN-CE	EN-CE			
	Price, USD***	799	1 199	1799	2699	4050			
For	Product code	MCTM-	MCTM-	MCTM-	MCTM-	MCTM-			
<u>100</u>		WPA-6-	WPA-6-	WPA-6-	WPA-6-	WPA-6-			
PLC		64-L100-	128-L100-	256-L100-	512-L100-	1K-L100-			
The		P-EN-CE	P-EN-CE	P-EN-CE	P-EN-CE	P-EN-CE			
	Price, USD***	4 273	6 412	9620	14434	21658			

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#### Micro TRACE MODE 6 GSM+ OEM WinPAC-8000 for Windows CE. English version.



Runtime software for execution of logical programs on the WinPAC-8000 and WinCon-8000 industrial controllers. Programmed in TRACE MODE development system. Includes real time server (Micro RTM), program interpreter in 5 languages of the IEC 6-1131/3 standard, graphical operator's interface (embedded HMI), embedded I/O cards drivers, Modbus host, energy meters drivers, IEC-60870-5-101. Meters and remote I/O may be polled remotely via modem or GSM. PC connectivity through serial prt, network, modem, GSM-modem, GPRT, SMS, Modbus slave (starting from 128 ch.). Licensed for **1**, **10**, **100 controllers** with different number of channels. The price on **Micro TRACE MODE GSM** significantly drops with number of licenses purchased. Download edition

#### Professional line:

	Channels / Energy meters	<b>63</b> / 1	<b>127</b> / 1	<b>255</b> / 2	<b>511</b> / 2	<b>1023</b> / 2			
For 1	Product	MCTM-	MCTM-	MCTM-	MCTM-	MCTM-			
	code	WPG-6-	WPG-6-	WPG-6-	WPG-6-	WPG-6-			
PLC		64-L1-P-	128-L1-P-	256-L1-P-	512-L1-P-	1K-L1-P-			
		EN-CE	EN-CE	EN-CE	EN-CE	EN-CE			
	Price, USD***	324	500	770	1187	1830			
For	Product	MCTM-	MCTM-	MCTM-	MCTM-	MCTM-			
<u>10</u>	code	WPG-6-	WPG-6-	WPG-6-	WPG-6-	WPG-6-			
PLC		64-L10-P-	128-L10-P-	256-L10-P-	512-L10-P-	1K-L10-P-			
FLC		EN-CE	EN-CE	EN-CE	EN-CE	EN-CE			
	Price, USD***	648	999	1540	2374	3660			
For	Product	MCTM-	MCTM-	MCTM-	MCTM-	MCTM-			
100	code	WPG-6-	WPG-6-	WPG-6-	WPG-6-	WPG-6-			
100 PLC		64-L100-	128-L100-	256-L100-	512-L100-	1K-L100-			
TLC		P-EN-CE	P-EN-CE	P-EN-CE	P-EN-CE	P-EN-CE			

### Micro TRACE MODE 6 for Windows Embedded. English version



Runtime SCADA software. Data acquisition, HMI on PC, on panel PC, in PLC (e.g. xPAC) and in devices run under Windows Embedded starting from XP. Built in drivers for PLCs (Modbus RTU, TCP, DCON, IEC 60870-5-101, IEC 60870-5-104 etc). Host PC connectivity via M-Link protocol and with open protocols **Modbus TCP and IEC 60870-5-104 slave**. Programmed in the TRACE MODE development system. Supports the technology of the integrated control system development (SCADA + SOFTLOGIC). **Hot redundancy** for network, IO and PLC.

The price on Micro TRACE MODE significantly drops with number of licenses purchased. Download edition

Professional line:

Protessional	line.				
	Channels / Energy meters	127 / 2	1023 / 32	4095 / 64	
For <u>1</u> PLC	Product code	MCTM-XP-6- 128-L1-P-RU- WIN	MCTM-XP-6-1K- L1-P-EN-WIN	MCTM-XP-6-4K- L1-P-EN-WIN	
	Price, USD***	199	2195	3539	
For <u>10 </u> PLC	Product code	MCTM-XP-6- 128-L10-P- RU-WIN	MCTM- XP-6-1K- L10-P-EN- WIN	MCTM- XP-6-4K- L10-P-EN- WIN	
	Price, USD***	399	4392	9598	
100 ;	Product code	MCTM-XP-6-	MCTM- XP-6-1K-	MCTM- XP-6-4K-	
For <u>100</u> PLC		128-L100-P- RU-WIN	L100-P-EN- WIN	L100-P-EN- WIN	
	Price, USD***	2135	23484	51318	



**OPC** servers

**OPC-server TRACE MODE and T-Factory for Windows. English version.** 

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	inter	OPC-server. Allows other applications to interact with any TRACE MODE 6 и T-Factory 6 real time monitors through OPC interface. Supports M-LINK 6, M-LINK CRC 6, I-NET 6 protocols, OPC DA 1.0 и 2.0. The product is licensed for 1 PC with different number of channels. Download edition										
Profession	al line:											
Number of channels				127	255	511	1023	2047	4095	8191	32000	64000
Product code				OPC- TM6-6- 128-P-	OPC- TM6-6- 256-P-	OPC- TM6-6- 512-P-	OPC- TM6-6- 1K-P-	OPC- TM6-6- 2K-P-	OPC- TM6-6- 4K-P-	OPC- TM6-6- 8K-P-	OPC- TM6-6- 32K-P-	OPC- TM6-6- 64K-P-
				EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN	EN-WIN
Price, USD***				399	453	483	622	705	991	1181	1246	1470

Technical su	pport				
ST-6-EN	Technical support, phone, e-mail for 1 year (in percents from the professional tariff product cost)	free		30%	
ST-A-6-EN	<b>Technical support, phone, e-mail over 1 year</b> (in percents from the professional tariff product cost)	10%		10%	
TRACE MO	DE 6 Authorized Training Center in Moscow ****				
T-B-6-1-EN T-B-6-2-EN T-B-6-3-EN	TRACE MODE 6 basic training course (5 days. 40 academic hours) one/two/three students per PC	729 USD	1055 USD	1385 USD	
T-A-6-1-EN * T-A-6-2-EN * T-A-6-3-EN *	TRACE MODE 6 advanced training course (5 days. 40 academic hours) one/two/three students per PC*	665 USD	961 USD	1255 USD	
T-X-6-1-EN T-X-6-2-EN T-X-6-3-EN	TRACE MODE 6 extended training course (10 days. 80 academic hours) one/two/three students per PC	1169 USD	1685 USD	2130 USD	

#### Note!

The software may be upgraded to more I/O points (channels) or/and functions according to the following formula: the difference in price + \$300 The TRACE MODE 5 Runtime (RTM) may be upgraded to TRACE MODE 6 (if it's possible) according to the following formula: the difference in price + \$300.

This course is intended for control engineers, who have followed or who have studied by themselves the Basic training course

\*\*\* - All prices are given exclusive of VAT. Payments should be made in US dollars.

\*\*\*\* - The price of each course includes meals.

AdAstra reserves the right to change prices and terms of payment specified herein.