

Last Update: 01/2015

disk >50MB, graphics card 1024x768, 256 colors					
System requirements  see NextView® 4 Professional wininimum: Pentium processor (400MHz), 256MB RAM, hard disk >50MB, graphics card 1024x768, 256 colors recommended: Pentium processor (140E), 512MB RAM, hard disk >50MB, graphics card 1600x1200, True Color network card with TCP/IP (if using a LAN data acquisition system Windows® 7/XP mouse  Save project yes Compatible bmcm hardware see NextView® 4 Professional see NextView® 4 Professional see NextView® 4 Professional see NextView® 4 Professional windows with the professional see NextView® 4 Professional see NextView® 4 Professional windows with the professional see NextView® 4 Professional windows with the professional windows with t	GENERAL Features and Function	nestuleus A. Live.	Hearlie Me Willie	Herriton® A Protessional	Hertife W. A. Ard Iyes
Lock project  See NextView® 4 Professional  LAN: LAN-AD16fx/LAN-AD16f, AMS42/84-LAN 10fx/ AMS42/84-LAN 10fx/AD25a  USB: meM-AD/-ADDA/-AD16/-INC/-PIO, USB-AD/-AD12f/-AD14f/-AD16f/-Ol16/-PIO, AMS42/84-USB PCI: PCI-BASEII/300/1000/-PIO PCIe: PCIe-BASE  Other hardware  Indianal I	System requirements	see NextView® 4 Professional	see NextView® 4 Professional	disk >50MB, graphics card 1024x768, 256 colors recommended: Pentium processor (1GHz), 512MB RAM, hard disk >200MB, graphics card 1600x1200, True Color network card with TCP/IP (if using a LAN data acquisition system Windows® 7/XP	see NextView® 4 Professional
See NextView® 4 Professional  see NextView® 4 Professional  LAN: LAN-AD16fx/LAN-AD16f, AMS42/84-LAN16fx/ AMS42/84-LAN16f/AMS42/84-LAN16fx/ AMS42/84-LAN16f/AMS42/84-LAN16fx/ AMS42/84-LAN16f/AMS42/84-LAN16fx/ AMS42/84-LAN16f/AMS42/84-LAN16f/AMS42/84-LAN16fx/ AMS42/84-LAN16f/AMS42/84-LAN16f/AMS42/84-LAN16fx/ AMS42/84-LAN16f/AMS42/84-LAN16fx/ AMS42/84-LAN16f/AMS42/84-LAN16fx/ AMS42/84-LAN16fx/AMS42/84-LAN16fx/ AMS42/84-LAN16fx/AMS42/84-LAN16fx/AMS42/84-LAN16fx/ AMS42/84-LAN16fx/AMS42/84-LAN16fx/AMS42/84-LAN16fx/AMS42/84-LAN16fx/AMS42/84-LA	Save project	yes	yes	yes	yes
AMS42/84-LAN und iM3250/fiM-AD25a  USB: meM-AD/-ADD6/-ADD6/-ADD6/-INC/-PIO, USB-AD/-AD12f/-AD14f/-AD16f/-Ol16/-PIO, AMS42/84-USB PCI: PCI-BASEII/300/1000/-PIO PCIe: PCIe-BASE  Other hardware	Lock project	no	yes	yes	yes
Max. number of DAQ systemsunlimited0Max. number of channelssee NextView® 4 Professionaldepending on the DAQ system0Formula channels16noImportable file formatsno16noMax. file size1.8E19 Byte1.8E19 Byte1.8E19 Byte1.8E19 ByteFile trainsnoadd several numbered files for analysis beyond file borderssee NextView® 4 Professional	Compatible bmcm hardware	see NextView® 4 Professional	see NextView® 4 Professional	AMS42/84-LAN16f/AMS42/84-LAN und iM3250/iM3250T/iM-AD25/iM-AD25a USB: meM-AD/-ADDA/-ADf/-ADfo/-INC/-PIO, USB-AD/-AD12f/-AD14f/-AD16f/-OI16/-PIO, AMS42/84-USB PCI: PCI-BASEII/300/1000/-PIO	no
Max. number of channels  see NextView® 4 Professional  depending on the DAQ system  no  formula channels  16  no  no  ASCII (*.asc), Diadem (*.dat), NextView® (*.lfx), data base (*.mdb), ModuLab Timestamp (*.tsf), TurboLab DAFF (*.dat)  Max. file size  1.8E19 Byte  1.8E19 Byte  1.8E19 Byte  no  no  add several numbered files for analysis beyond file borders  see NextView® 4 Professional  no  see NextView® 4 Professional  add several numbered files for analysis beyond file borders  see NextView® 4 Professional	Other hardware		-	-	-
Formula channels  16  no  16  ASCII (*.asc), Diadem (*.dat), NextView® (*.lfx), data base (*.mdb), ModuLab Timestamp (*.tsf), TurboLab DAFF (*.dat)  Max. file size  1.8E19 Byte  1.8E19 Byte  1.8E19 Byte  1.8E19 Byte  add several numbered files for analysis beyond file borders  see NextView® 4 Professional					0
Importable file formats  no  no  ASCII (*.asc), Diadem (*.dat), NextView® (*.lfx), data base (*.mdb), ModuLab Timestamp (*.tsf), TurboLab DAFF (*.dat)  Max. file size  1.8E19 Byte  1.8E19 Byte  1.8E19 Byte  add several numbered files for analysis beyond file borders  see NextView® 4 Professional  add several numbered files for analysis beyond file borders	Max. number of channels	see NextView® 4 Professional	see NextView® 4 Professional	depending on the DAQ system	no
(*.mdb), ModuLab Timestamp (*.tsf), TurboLab DAFF (*.dat)  Max. file size  1.8E19 Byte  1.8E19 Byte  1.8E19 Byte  1.8E19 Byte  1.8E19 Byte  add several numbered files for analysis beyond file borders  see NextView® 4 Professional	Formula channels	16	no		
File trains no add several numbered files for analysis beyond file borders see NextView® 4 Professional	Importable file formats	no	no		
File trains no add several numbered files for analysis beyond file borders see NextView® 4 Professional	Max. file size	1.8E19 Byte	1.8E19 Byte	1.8E19 Byte	1.8E19 Byte
Object-oriented property bar yes yes yes	File trains				
	Object-oriented property bar	yes	yes	yes	yes

CONTLOUR FAMILES and Functions	West Alega, William	hertifen® A.ire	Next Hew A Profession of	hexuleum A Andiysis
CONFIGURATION				
Configuration of the whole system	scan frequency (dep. on the hardware), scan duration, prehistory frequency of live data (max. 100Hz) size of live data cache	scan frequency (dep. on the hardware), scan duration frequency of live data (max. 100Hz), size of live data cache	scan frequency (dep. on the hardware), scan duration, prehistory, number of storable scans (multi-scan) frequency of live data (max. 100Hz), size of live data cache	no
	100112), 5120 01 IIVO dada Gaorie	name + directory path of measuring data file, optionally consecutive numbering	name and directory path of meas. file, optionally consecutive numbering, copy last stored meas. file into a separate file (latest.lfx) internal/external clock, synchronization, multi-scan back-to-	Э
			back or with new synchronization	
Configuration of several channels at the same time	yes	yes	yes	no
Restorable default configuration	yes	yes	yes	no
General channel settings	see NextView® 4 Professional	see NextView® 4 Professional	channel and group name, comment	no
Settings for analog channels	see NextView® 4 Professional	see NextView® 4 Professional	presentation of numbers: integer, fixpoint, exponential, scientific, time; add.: width, number of decimals	no
Specific settings for analog inputs	see NextView® 4 Professional	measuring range, unit, conversion of measured voltages to signal values to be displayed (max. 8 reference values), offset	measuring range, unit, conversion of measured voltage value to signal values to be displayed (max. 8 ref. values), offset	no
		default range of measuring data used in the displays (div. of the phys. meas. range)	default range of measuring data used in the displays (div. of the phys. measuring range)	
		storage ratio and type (current value or avg of 20 values)	storage ratio and type (current value, min, max, avg, rms)	
			trigger (pos./neg. edge, inside/outside window)	
Specific settings for analog outputs	see NextView® 4 Professional	see NextView® 4 Professional	output range, output voltage	no
Settings for digital channels	see NextView® 4 Professional	see NextView® 4 Professional	switching between input and output (if possible)	no
Specific settings for digital inputs	see NextView® 4 Professional	storage of current values	storage ratio and type (current value), digital trigger (high/low)	no
Specific settings for digital outputs	see NextView® 4 Professional	see NextView® 4 Professional	set channel to low/high	no

CONFICURATIONS	Westylew® & Live!	Merthen® Alite	Regulative A Protessional	Mertiten® A Archysis
CONFIGURATION	see NextView® 4 Professional	operating mode: counter (simple or up/down), quad-rature decoder, pulse time measurement, optional reset optionally assign digital line, calibration, offset	eoperating mode: counter (simple or up/down), quad-rature decoder, pulse time measurement, opt. reset optional assign digital line, calibration, offset	no
		presentation of numbers: integer, fixpoint, exponential, scientific, time; add.: width, number of decimals	presentation of numbers: integer, fixpoint, exponential, scientific, time; add.: width, number of decimals	
		default range of measuring data used in the displays (div. of the phys. meas. range)	default range of measuring data used in the displays (div. of the phys. measuring range)	
		storage ratio + type (current value or avg of 20 values)	storage ratio and type (current value, min, max, avg, rms) trigger (pos./neg. edge, inside/outside window)	
Specific settings for formula channels	see NextView® 4 Professional	no	calculation, displaying and storing of as many signals as you like (also with different storage ratio!) even during a scan addition, subtraction, multiplication, division sine, cosine, tangent, arc sine, arc cosine, arc tangent	no
			square root, absolute value, integer, power, polynomials exponential, common logarithm, natural logarithm minimum, maximum, average, rms Boolean operators "<", ">", "AND", "OR"	
Multi-scan	no	no	yes	no
Synchronization of measuring systems	no	no	yes, depending on the hardware	no
Storage type and ratio	temporary storage of current value, min, max, avg, rms	either current value or average value (ratio 1:20)	scanning of one or more signals with different storage types (current value, min, max, avg, rms) at the same time	no
			storage ratio adjustable for each signal separately	
Direct storage to hard disk	temporary storage to RAM	yes	yes	no
Print device configuration	yes	no	yes	no
Save device configuration with project	yes	yes	yes	no
Trigger	see NextView® 4 Professional	no	selection of trigger for one or more signals, various types of triggers possible for different signals analog: pos./neg. edge, outside/inside window; digital: low/high	no

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/ featu	Hext	Hext	Ker	Mext
DISPLAYS				
Picture	see NextView® 4 Professional	no	display one ore several bitmaps in selectable or full size as background image	see NextView® 4 Professional
Live display	see NextView® 4 Professional	continuous visualization of running signals even during a scan, envelope with a grid of 0.0 to 2 hours, recognizing peaks even of fast signals, even during a scan, 100% representation	continuous visualization of running signals even during a scan, envelope with a grid of 0.1 to 2 hours, recognizing peaks even of fast signals, stop, scroll, zoom live signals, 100% representation	no
		show channel name or digital value, color settings size freely adjustable or in full	show channel name or digital value, color settings size freely adjustable or in full sheet width	
		sheet width	x-axis: uses relative or absolute time	
		range or define minimum/maximum, optionally share y-axis between several	y-axis: uses physical or default range or define minimum/maximum, optionally share y-axis between several signals	
Zoom live display	yes (stop display first)	signals	yes (stop display first)	no
Text box	see NextView® 4 Professional	see NextView® 4 Professional	display of channel name, signalize active/inactive state wher exceeding or falling beyond an alarm value in terms of color and content, format settings	ino
			programming of script instructions (if NextView® 4 Script installed)	
Digital multimeter	see NextView® 4 Professional	see NextView® 4 Professional	display of digital value and channel name, signalize active/inactive state when exceeding or falling beyond an alarm value in terms of color, format settings	no
			programming of script instructions (if NextView® 4 Script installed)	
Level indicator	see NextView® 4 Professional	no	display of digital value, unit, channel name and axis, signaliz active/inactive state when exceeding or falling beyond an alarm value in terms of color, format settings	eno
			programming of script instructions (if NextView® 4 Script installed)	
Button	see NextView® 4 Professional	no	use as switch or push-button, individual color settings and labeling for on/off	see NextView® 4 Professional
			programming of script instructions (if NextView® 4 Script installed)	

	NextView® 4 Professional  NextView® 4 Professional		display channel name, digital value, unit, slider range, format	no
Graph display see N	Novt\/iow@ / Profossional		settings programming of script instructions (if NextView® 4 Script installed)	
		stack, 100% representation	two cursors, zoom with zoom stack, 100% representation, x/graph (unlimited number of y signals to one x signal in a display even with different storage ratio), dot jam (for smoothing signals)  F-button: marking of the FFT-range; A-button: repeat last analysis	ysee NextView® 4 Professional
		show channel name or cursor	show channel name or cursor values (coordinates), cursor interval (dx), average gradient( dx:dy), frequency (1:dx)	
_			extensive signal information	
		•	color settings size freely adjustable or in full sheet width	
		x-axis: uses relative or absolute time	x-axis: uses relative or absolute time	
		y-axis: uses physical or default range or define	y-axis: uses physical or default range or define minimum/maximum, optionally share y-axis between several signals	
		_	programming of script instructions (if NextView® 4 Script installed)	
Key values of the active signal in the graph display  Analy signal	lysis only of provided		deviation, rms-value within the cursor range	see NextView® 4 Professional
Color settings 256 a	colore	'	automatic cursor jumps to a defined level	256 colors
j				graph displays
Show signals in several displays at the same time	0 1 1 7	0 1 1 7		yes
		1		1
Correctly running grid live ar	and graph displays	live and graph displays	live and graph displays	graph displays

Features and Function	Repute we A live	Rientyleon® A. Lie	Rientylen® A Profession	Reputer Me A Arraly
DISPLAYS Max. number of signals in one		live and graph display: unlimited	live and graph display: unlimited; others: 1	graph display: unlimited; others:
display	others: 1	others: 1		1
View signals in panes	no	no	live and graph displays	graph displays
Hide signals	live and graph displays	live and graph displays	live and graph displays	graph displays
Edit signal parameters	no	n	yes	yes
Copy signal values to clipboard	no	no	yes	yes
Message display	see NextView® 4 Professional	see NextView® 4 Professional	switch between 1 system channel and 3 user channels, output medium optionally displaying date and time, size freel adjustable or in full sheet width, format settings	see NextView® 4 Professional y
ANALYSIS				
Export	no	see NextView® 4 Professional	ASCII (*.asc), Diadem (*.dat), NextView® 4 (*.lfx), NextView®/NT 3.4 (*.lfx), TurboLab DAFF (*.dat)	see NextView® 4 Professional
ASCII export	no	see NextView® 4 Professional	output format of the y- and x-values: (e.g. with unit, y-values only, decimal notation, date/time format, align values on the left without spaces, y-values don't use the original notation onumbers)	
Calculation of cianals	see NextView® 4 Professional	200	field separation and borders insert formula, integrate any signals completely displayed	see NextView® 4 Professional
Calculation of signals	(only of	IIO	within the cursor range	See NextView® 4 Professional
	provided signals)		enter file name, directory, unit	
	provided digitale)		addition, subtraction, multiplication, division	
			sine, cosine, tangent, arc sine, arc cosine, arc tangent	
			square root, absolute value, integer, pi, square, power,	
			polynomial	
			exponential, common and natural logarithm	
			minimum, maximum, mean, rms	
			list of the last 10 used formulas	
FFT analysis	see NextView® 4 Professional	no	window functions: Round Last Point, Hanning, Hamming, Blackman, Bartlet	see NextView® 4 Professional
	(only of provided signals)		automatic calculation of signal range for the FFT to be carrie out (to visualize range in the display press F-button, move by cursors)	
			results: magnitude, magnitude&phase, power spectrum, complex, logarithmic representation single or multiple FFT	
Differentiation	see NextView® 4 Professional (only of provided signals)	no	differentiation via a straight line passing N points on both sides of the coordinate, which is to be differentiated (N=11000), manual / automatic input of the unit of the resulting signal (will be shown in the display right away)	see NextView® 4 Professional

Features and Function	Restricture & Live	Reguler & Life	Lexylein Arolessional	negation® A Archys
ANALYSIS				
Integration	see NextView® 4 Professional (only of provided signals)		single or double integration, manual or automatic offset, manual or automatic input of the unit of the resulting signal (will be shown in the display right away)	see NextView® 4 Professional
Digital filters	see NextView® 4 Professional (only of provided signals)		filters: critical, Bessel, Butterworth, Tschebyscheff (ripple: 0.5dB, 1.0dB, 2.0dB, 3.0dB)  filter orders: values selectable between 2. and 8. order filter type: low-, high-, band-pass, band-elimination	see NextView® 4 Professional
			cut-off frequency (max.: half of scan frequency)	
			resulting signal will be shown in the display right away	
Data reduction	see NextView® 4 Professional (only of provided signals)	no	calculating the min, max, avg or rms (envelope) of N values, reduction ratio between 1:1 and 1:1000	see NextView® 4 Professional
			result signal will be shown in the display right away	
Repeat last analysis	yes (only of provided signals)	no	yes	yes
Batch job	see NextView® 4 Professional (only of provided signals)	no	yes (optionally: automatic printing, consecutive numbering or result files, automatic start of analysis)	see NextView® 4 Professional
PRINTING				
Page printing	no	yes, multi-page printing also	yes, multi-page printing also	yes, multi-page printing also
Printing of	no	graph displays, message displays	live displays, graph displays (optionally print cursors and cursor values also), message displays	graph displays (opt. print cursors and cursor values),
Print single displays	no	yes	yes	yes
Print preview	single displays	yes	yes	yes
Form printing	no	yes	yes	yes
Print to clipboard	no	yes	yes	yes
Precise page setting	yes	yes	yes	yes
MISCELLANEOUS				
Programming with NextView®4 Script (for charge)	no	yes	yes	yes
Updates	software and hardware updates	software and hardware updates live via Internet	software and hardware updates live via Internet	software and hardware updates live via Internet
Price	free		net: 899.00 EUR (gross: 1,069.81 EUR)	net: 299.00 EUR (gross: 355.81 EUR)
	(If no licence has been	upgrade:	upgrade:	upgrade:
	purchased within 30 days after	net 59.00 EUR	net 399.00 EUR	net 129.00 EUR
	installing the trial, it will	(gross: 70.21 EUR)	(gross: 474.81 EUR)	(gross: 153.51 EUR)
	automatically change to the	package of 10 licenses:	package of 10 licenses:	(9.030. 100.01 2011)
	LIVE! version.)	net: 499.00 EUR	net: 4,999.00 EUR	
		(gross: 593.81 EUR)	(gross: 5,948.81 EUR)	

Page 7 of 7