

RESI Informatik & Automation GmbH Altenmarkt 29, A-8551 Wies

OVERVIEW VIEW7 TOUCHDISPLAYS WITH CONTROLLER

www.RESI.cc		GENERAL								DESIGN INTERFACES						OS	INFO					
	HOUSING	POWER SUPPLY 12-48V=	RASPBERRY© Controller	CPU Quad core 64-bit ARM-Cortex A72@1.5GHz	RAM in GB	SD CARD exchangeable, in GB	HDMI Micro HDMI 4K	AUDIO+COMPOSITE TV 4-ring TRS A/V jack	WIFI+BLUETOOTH 802.11 b/g/n/ac Wireless LAN Bluetooth 5.0 with BLE	TOUCHSCREEN 7" color, 800x480 pixel capacitive touchscreen	TOUCHSCREEN2 7" color, 1280x720 pixel capacitive touchscreen	REMARK	STANDARD Design	SMALL FRAME Design	ETHERNET Gigabit	USB 2.0	USB 3.0	RS232	KNX	SENSORS Temperature, proximity & ambient light sensors	LINUX© Standard Raspberry© distribution	CATALOG
ESI-V7x Raspberry Pi4© based		oller w			_	_	_	erial in	terfaces	KNX or I	RS232, ir	ı-wal	_	ting ve	ersions							
RESI-V7V-2GB	V1	Χ	PI4 B		2	32	2	1	X	X		Α	Х		1	2	2	1		YES	X	
4GB				B RAM	4																	
8GB		-		B RAM	8																	
ESI-V7VK-2GB	V1	X	PI4 B	X	2	32	2	1	X	Х		K	X		1	2	2		1	YES	X	
ESI-NV7V-2GB	V1	X	PI4 B	X	2	32	2	1	X	Х		Α	Х		1	2	2	1		NO	X	
ESI-NV7VK-2GB	V1	X	PI4 B	X	2	32	2	1	X	X		K	X		1	2	2		1	NO	X	
ESI-SV7V-2GB	V2	Χ	PI4 B	X	2	32	2	1	Χ	X		Α		Х	1	2	2	1		NO	X	
ESI-SV7VK-2GB	V2	Х	PI4 B	Х	2	32	2	1	Χ	Χ		K		Х	1	2	2		1	NO	Х	
ESI-V7x Raspberry Pi4© based	LINUX contr	oller w	ith ho	rizontal	7" tou	chscre	en an	d seria	l interfac	es KNX	or RS232	2, in-v	wall mo	ounting	versio	ns						
ESI-V7H-2GB	H1	Χ	PI4 B	X	2	32	2	1	X	X		Α	Χ		1	2	2	1		YES	Χ	
ESI-V7HK-2GB	H1	Х	PI4 B	X	2	32	2	1	Χ	Х		K	Х		1	2	2		1	YES	X	
ESI-NV7H-2GB	H1	X	PI4 B	X	2	32	2	1	Χ	X		Α	X		1	2	2	1		NO	X	
ESI-NV7HK-2GB	H1	X	PI4 B	X	2	32	2	1	Χ	X		K	Х		1	2	2		1	NO	X	
ESI-SV7H-2GB	H2	Х	PI4 B	Х	2	32	2	1	Χ	Х		Α		Х	1	2	2	1		NO	Х	
ESI-SV7HK-2GB	H2	Х	PI4 B	Х	2	32	2	1	Х	Х		K		Х	1	2	2		1	NO	Х	
ESI-V7x Raspberry Pi4© based	l LINUX contr	oller w	ith ve	rtical 7"	touch	screen	and s	erial in	iterfaces	KNX or I	RS232, co	ontro	l cabin	et mou	ınting	versi	ions					
ESI-V7V-CC-2GB	CV1	Χ	PI4 B	X	2	32	2	1	Χ	X		Α	Х		1	2	2	1		YES	X	
ESI-V7VK-CC-2GB	CV1	Х	PI4 B	Х	2	32	2	1	Х	Х		K	Х		1	2	2		1	YES	Х	
ESI-NV7V-CC-2GB	CV1	Х	PI4 B	Х	2	32	2	1	Х	Х		Α	Х		1	2	2	1		NO	Х	
ESI-NV7VK-CC-2GB	CV1	Х	PI4 B	Х	2	32	2	1	Х	Х		K	Х		1	2	2		1	NO	Х	
ESI-SV7V-CC-2GB	CV2	Х	PI4 B	Х	2	32	2	1	Х	Х		Α		Х	1	2	2	1		NO	Х	
ESI-SV7VK-CC-2GB	CV2	Х	PI4 B	Х	2	32	2	1	Х	Х		K		Х	1	2	2		1	NO	Х	
ESI-V7x Raspberry Pi4© based	LINUX contr	oller w	ith ho	rizontal	7" tou	chscre	en an	d seria	l interfac	es KNX	or RS232	, con	trol ca	binet n	nountir	ng v	ersio	ns				
ESI-V7H-CC-2GB	CH1	Х	PI4 B	X	2	32	2	1	X	Х		Α	Х		1	2	2	1		YES	X	
ESI-V7HK-CC-2GB	CH1	Х	PI4 B	Х	2	32	2	1	Х	Х		K	Х		1	2	2		1	YES	Х	
ESI-NV7H-CC-2GB	CH1	Х	PI4 B	Х	2	32	2	1	Х	Х		Α	Х		1	2	2	1		NO	Х	
ESI-NV7HK-CC-2GB	CH1	Х	PI4 B	Х	2	32	2	1	Х	Х		K	Х		1	2	2		1	NO	Х	
ESI-SV7H-CC-2GB	CH2	Х	PI4 B	Х	2	32	2	1	Х	Х		Α		Х	1	2	2	1		NO	Х	
ESI-SV7HK-CC-2GB	CH2	Х	PI4 B	Х	2	32	2	1	Х	Х		K		Х	1	2	2		1	NO	Х	
ESI-V7x Accessories																						
ESI-V7X-WB1	Wallhoy	for in-w	all mou	nting of ou	r 7" touc	h nanel	:															
ESI-V/A-WBI				115x195x50		ii parici.	,.															
ESI-V7V-DT1	Drilling	& milling	templa	te for mou	nting of	our 7" to	ouch par	nels into	a wall.													
ESI-SV7V-DT1	Drilling	& milling	templa	te for mou	nting of	our 7" to	ouch par	nels into	a wall.													
ESI-V7H-DT1	Drilling	& milling	g templa	te for mou	nting of	our 7" to	ouch par	nels into	a wall.													
ESI-SV7H-DT1	Drilling	& milling	g templa	te for mou	nting of	our 7" to	ouch par	nels into	a wall.													
ESI-V7V-CC-DT1	Drilling	& milling	g templa	te for mou	nting of	our 7" to	ouch par	nels into	a control ca	binet.												
ESI-SV7V-CC-DT1	Drilling	& milling	g templa	te for mou	nting of	our 7" to	ouch par	nels into	a control ca	binet.												
ESI-V7H-CC-DT1	Drilling	& milling	g templa	te for mou	nting of	our 7" to	ouch par	nels into	a control ca	binet.												
ESI-SV7H-CC-DT1	Drilling	& milling	templa	te for mou	nting of	our 7" to	ouch par	nels into	a control ca	binet.												
ESI-V7V-S1				r 7" touch p																		
ESI-SV7V-S1				r 7" touch p																		
ESI-V7H-S1				r 7" touch p																		
ESI-SV7H-S1				r 7" touch p																		
ESI-V7V-CC-S1								net.														
	Jea. 101	Seal for mounting of our 7" touch panels into a control cabinet.																				1
FSI-SV7V-CC-S1	Seal for	Seal for mounting of our 7" touch panels into a control cabinet.																				
ESI-SV7V-CC-S1 ESI-V7H-CC-S1			-	r 7" touch p r 7" touch p																		

						GEI	NERAL						DES	IGN		U	NTEF	RF <u>A</u> (CES_		OS	INFO
	HOUSING	POWER SUPPLY 12-48V=	RASPBERRY© Controller	CPU Quad core 64-bit ARM-Cortex A72@1.5GHz	RAM in GB	SD CARD exchangeable, in GB	HDMI Micro HDMI 4K	AUDIO+COMPOSITE TV 4-ring TRS A/V jack	WIFI+BLUETOOTH 802.11 b/g/n/ac Wireless LAN Bluetooth 5.0 with BLE	TOUCHSCREEN 7" color, 800x480 pixel capacitive touchscreen	TOUCHSCREEN2 7" color, 1280x720 pixel capacitive touchscreen	REMARK	STANDARD Design	SMALL FRAME Design	ETHERNET Gigabit	USB 2.0	USB 3.0	RS232	KNX	SENSORS Temperature, proximity & ambient light sensors	LINUX© Standard Raspberry© distribution	CATALOG page
RESI-VI7x Raspberry Pi4© based LINU	_	_	_					creen		al interfa				n-wall i	mounti			ons				
RESI-VI7V-2GB	VI1	X	PI4 B	Х	2	32	2	1	Х		Х	Α	Х		1	2	2	1		YES	X	
-4GB			for 4G		4																	
-8GB			for 8G		8																	
RESI-VI7VK-2GB	VI1	X	PI4 B	X	2	32	2	1	X		X	K	Х		1	2	2		1	YES	X	
RESI-NVI7V-2GB	VI1	X	PI4 B	X	2	32	2	1	X		X	Α	X		1	2	2	1		NO	X	
RESI-NVI7VK-2GB	VI1	X	PI4 B	X	2	32	2	1	X		X	K	Х		1	2	2		1	NO	X	
RESI-SVI7V-2GB	VI2	X	PI4 B	X	2	32	2	1	X	-	X	A		X	1	2	2	1		NO	X	
RESI-SVI7VK-2GB	VI2	X	PI4 B	Х	2	32	2	1	Х		X	K		Х	1	2	2		1	NO	Χ	
RESI-VI7x Raspberry Pi4© based LINU	_					_				erial inte				2, in-w			_		ns	1456		
RESI-VI7H-2GB	HI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	1		YES	X	
RESI-VI7HK-2GB	HI1	X	PI4 B	X	2	32	2	1	X		X	K	Х		1	2	2		1	YES	X	
RESI-NVI7H-2GB	HI1	X	PI4 B	X	2	32	2	1	X		X	Α	X		1	2	2	1		NO	X	
RESI-NVI7HK-2GB	HI1	X	PI4 B	X	2	32	2	1	X		X	K	Х		1	2	2		1	NO	X	
RESI-SVI7H-2GB	HI2	X	PI4 B	X	2	32	2	1	X		X	Α		X	1	2	2	1		NO	X	
RESI-SVI7HK-2GB	HI2	X	PI4 B	Х	2	32	2	1	X		X	K	6000	X	1	2	2		1	NO	Х	
RESI-VI7x Raspberry Pi4© based LINU		_	_		_		_			al interfa				ontrol		_			ersi			
RESI-VI7V-CC-2GB	CVI1		PI4 B	X	2	32	2	1	X		X	Α	X		1	2	2	1		YES	X	
RESI-VI7VK-CC-2GB	CVI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2	4	1	YES	X	
RESI-NVI7V-CC-2GB	CVI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	- 1	4	NO	X	
RESI-NVI7VK-CC-2GB	CVI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2	4	1	NO	X	
RESI-SVI7V-CC-2GB	CVI2	X	PI4 B	X	2	32	2	1	X		X	A		X	1	2	2	-	4	NO	X	
RESI-SVI7VK-CC-2GB	CVI2	Х	PI4 B	Х	2	32	2	-1	X	and all last a	X	K	DC22	X	und nach	2		4:		NO	X	
RESI-VI7x Raspberry Pi4© based LINU	_		_		_	_		cnscre		eriai inte	erfaces K		_	2, cont	rol cab			nun	g ve		. V	
RESI-VI7H-CC-2GB	CHI1	X	PI4 B	X	2	32	2	1	X		X	А	X		1	2	2	- 1	1	YES	X	
RESI-VI7HK-CC-2GB	CHI1	X	PI4 B	X	2	32	2		X		X	K	X		1	2	2	1	1	YES	X	
RESI-NVI7H-CC-2GB	CHI1	X	PI4 B	X	2	32	2	1	X		X	А	X		1	2	2	- 1	1	NO	X	
RESI-NVI7HK-CC-2GB	CHI1	X	PI4 B	X	2	32	2	1	X		X	K	X .	V		2	2	1		NO	X	
resi-svi7h-cc-2gb resi-svi7hk-cc-2gb	CHI2 CHI2	X	PI4 B	X	2	32 32	2	1	X		X	A K		X	1	2	2	- 1	1	NO NO	X	
	CHIZ	Α.	PI4 B	_ ^		32			Χ		_ ^	K		Λ						NO	^	
RESI-VI7x Accessories																						
RESI-VI7X-WB1				nting of ou 115x195x50		h panels	i.															
RESI-VI7V-DT1						our 7" to	uich nan	alc into	a wall													
RESI-SVI7V-DT1	Drilling & milling template for mounting of our 7* touch panels into a wall. Drilling & milling template for mounting of our 7* touch panels into a wall.																					
RESI-VI7H-DT1	_ ~				-																	
	Drilling & milling template for mounting of our 7" touch panels into a wall.																					
KESI TITI DII	Drilling & milling template for mounting of our 7* touch panels into a wall.									hinet												-
RESI-SVI7H-DT1			r templat	Drilling & milling template for mounting of our 7* touch panels into a control cabinet.																		-
RESI-SVI7H-DT1 RESI-VI7V-CC-DT1	Drilling	& millin			Drilling & milling template for mounting of our 7* touch panels into a control cabinet.																	
RESI-SVI7H-DT1 RESI-VI7V-CC-DT1 RESI-SVI7V-CC-DT1	Drilling Drilling	& millin	g templa	te for mou	_					Drilling & milling template for mounting of our 7" touch panels into a control cabinet.												
RESI-SVI7H-DT1 RESI-VI7V-CC-DT1 RESI-SVI7V-CC-DT1 RESI-VI7H-CC-DT1	Drilling Drilling Drilling	& milline & milline & milline	g templat g templat	te for mou	nting of	our 7" to	uch pan	els into	a control ca													
RESI-SVI7H-DT1 RESI-VI7V-CC-DT1 RESI-SVI7V-CC-DT1 RESI-VI7H-CC-DT1 RESI-VI7H-CC-DT1 RESI-VI7H-CC-DT1	Drilling Drilling Drilling Drilling	& milling & milling & milling & milling	g templa g templa g templa	te for mou te for mou te for mou	nting of nting of	our 7" to our 7" to	uch pan uch pan	els into														
RESI-SVI7H-DT1 RESI-VI7V-CC-DT1 RESI-SVI7V-CC-DT1 RESI-VI7H-CC-DT1 RESI-VI7H-CC-DT1 RESI-VI7H-CC-DT1 RESI-VI7V-S1	Drilling Drilling Drilling Drilling Seal for	& milling & milling & milling & milling mounti	g templai g templai g templai ng of our	te for mou te for mou te for mou 7" touch p	nting of nting of panels in	our 7" to our 7" to to a wall	ouch pan ouch pan	els into	a control ca													
RESI-SVI7H-DT1 RESI-SVI7V-CC-DT1 RESI-SVI7V-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-VI7V-S1 RESI-SVI7V-S1	Drilling Drilling Drilling Drilling Seal for	& milling & milling & milling & milling & milling r mounti	g templat g templat g templat ng of our ng of our	te for mou te for mou te for mou 7" touch p	nting of nting of panels in panels in	our 7" to our 7" to to a wall to a wall	ouch pan ouch pan	els into	a control ca													
RESI-SVI7H-DT1 RESI-SVI7V-CC-DT1 RESI-SVI7V-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7V-S1 RESI-VI7H-S1	Drilling Drilling Drilling Drilling Drilling Seal for Seal for	& milling & milling & milling & milling r mounti r mounti	g templating templating templating of our our of our ong of our	te for moul te for moul te for moul 7" touch p 7" touch p	nting of nting of panels in panels in panels in	our 7" to our 7" to to a wall to a wall to a wall	ouch pan	els into	a control ca													
RESI-SVI7H-DT1 RESI-VI7V-CC-DT1 RESI-SVI7V-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CS1 RESI-VI7V-S1 RESI-VI7H-S1 RESI-SVI7H-S1	Drilling Drilling Drilling Drilling Seal for Seal for Seal for	& milling & milling & milling & milling r mounti r mounti r mounti r mounti r mounti	g templar g templar g templar ng of our ng of our ng of our ng of our	te for moul te for moul te for moul 7" touch p 7" touch p 7" touch p	nting of nting of panels in panels in panels in	our 7" to our 7" to to a wall to a wall to a wall to a wall	ouch pan	els into	a control ca													
RESI-SVI7H-DT1 RESI-VI7V-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-VI7V-S1 RESI-VI7V-S1 RESI-VI7H-S1 RESI-SVI7H-S1 RESI-SVI7H-S1 RESI-VI7V-CC-S1	Drilling Drilling Drilling Drilling Drilling Seal for Seal for Seal for Seal for	& milling & milling & milling & milling & milling r mounti r mounti r mounti r mounti	g templating templating of our ong of our	te for moul te for moul te for moul 7" touch p 7" touch p 7" touch p 7" touch p	nting of nting of panels in panels in panels in panels in	our 7" to our 7" to to a wall to a wall to a wall to a wall to a con	ouch pan ouch pan trol cabi	nels into	a control ca													
RESI-SVI7H-DT1 RESI-SVI7H-DT1 RESI-SVI7V-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-S1 RESI-SVI7H-S1 RESI-SVI7H-S1 RESI-SVI7Y-CC-S1 RESI-SVI7V-CC-S1	Drilling Drilling Drilling Drilling Drilling Seal for	& milling & milling & milling & milling & milling r mounti r mounti r mounti r mounti r mounti	g templai g templai g templai ng of our ng of our ng of our ng of our ng of our ng of our	te for moulte for moulte for moulte for moulte for moulte 7" touch product for for touch product for for moulte for mou	nting of nting of panels in panels in panels in panels in panels in panels in	our 7" to our 7" to to a wall to a wall to a wall to a con to a con	ouch pan ouch pan trol cabin	nels into	a control ca													
RESI-SVI7H-DT1 RESI-VI7V-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-SVI7H-CC-DT1 RESI-VI7V-S1 RESI-VI7V-S1 RESI-VI7H-S1 RESI-SVI7H-S1 RESI-SVI7H-S1 RESI-VI7V-CC-S1	Drilling Drilling Drilling Drilling Drilling Seal for	& milling report of the mount of the	g templating templating of our name of our	te for moul te for moul te for moul 7" touch p 7" touch p 7" touch p 7" touch p	nting of nting of panels in panels in panels in panels in panels in panels in panels in	our 7" to our 7" to to a wall to a wall to a wall to a wall to a con to a con to a con	uch pan uch pan	nets into annets.	a control ca													

RESI-V7x,VI7x Raspberry	Pi4© based LINUX controller with 7" touchscreen in various designs	
	If you add nothing to the order number NO RESI standard design, design and logo is individually agreed with customers	
-RB	Please add -RB to the order number	
ND .	RESI standard design, white letters on black background, RESI logo	
A	Serial interfaces is directly connected to Raspberry Pi Sensors are connected directly to Raspberry Pi, readable via I2C interface	
K	KNX interface is directly connected to Raspberry Pi and can be used as normal UART e.g. with KNXD Sensors are connected directly to Raspberry Pi, readable via I2C interface	
V1	Vertical on wall mounting into special wall outlet. On wall dimensions: WxHxD: 130x280x10mm use our special wallbox RESI-V7X-WB1 for easy mounting	
V2	Vertical on wall mounting into special wall outlet. On wall dimensions: WxHxD: 130x213x10mm use our special wallbox RESI-V7X-WB1 for easy mounting	
Н	Horizontal on wall mounting into special wall outlet. On wall dimensions: WxHxD: 213x160x10mm use our special wallbox RESI-V7X-WB1 for easy mounting	
H2	Horizontal on wall mounting into special wall outlet. On wall dimensions: WxHxD: 213x130x10mm use our special wallbox RESI-V7X-WB1 for easy mounting	
CV1	Vertical mounting onto a switchboard cabinet. Dimensions: WxHxD: 130x280x10mm use our special drill & milling template RESI-xV7Vy-DT1 for easy mounting	
CV2	Vertical mounting onto a switchboard cabinet. Dimensions: WxHxD: 130x213x10mm use our special drill & milling template RESI-xSV7Vy-DT1 for easy mounting	
CH1	Horizontal mounting onto a switchboard cabinet. Dimensions: WxHxD: 213x160x10mm use our special drill & milling template RESI-xV7Hy-DT1 for easy mounting	
CH2	Horizontal mounting onto a switchboard cabinet. Dimensions: WxHxD: 213x130x10mm use our special drill & milling template RESI-xSV7Hy-DT1 for easy mounting	
VI1	Vertical on wall mounting into special wall outlet. On wall dimensions: WxHxD: 140x280x10mm use our special wallbox RESI-VITX-WB1 for easy mounting	
VI2	Vertical on wall mounting into special wall outlet. On wall dimensions: WxHxD: 140x209x10mm use our special wallbox RESI-VITX-WB1 for easy mounting	
HI1	Horizontal on wall mounting into special wall outlet. On wall dimensions: WxHxD: 209x170x10mm use our special wallbox RESI-VITX-WB1 for easy mounting	
HI2	Horizontal on wall mounting into special wall outlet. On wall dimensions: WxHxD: 209x140x10mm use our special wallbox RESI-VITX-WB1 for easy mounting	
CVI1	Vertical mounting onto a switchboard cabinet. Dimensions: WxHxD: 140x280x10mm use our special drill & milling template RESI-xVI7Vy-DT1 for easy mounting	
CVI2	Vertical mounting onto a switchboard cabinet. Dimensions: WxHxD: 140x209x10mm use our special drill & milling template RESI-xSV17Vy-DT1 for easy mounting	
CHI1	Horizontal mounting onto a switchboard cabinet. Dimensions: WxHxD: 209x170x10mm use our special drill & milling template RESI-xVI7Hy-DT1 for easy mounting	
CHI2	Horizontal mounting onto a switchboard cabinet. Dimensions: WxHxD: 209x140x10mm use our special drill & milling template RESI-xSVI7Hy-DT1 for easy mounting	
CDEEN	W. 1. W. H. 1. W. 42 1 1 1 1 1	
GREEN	This product is normally on stock or within 1-3 weeks available	
ORANGE DED	This product is almost deliverable, currently we need 1-2 month to manufacture it Sorry, but we cannot manufacture and deliver this product within the next 3-4 month due to the component crisis	
RED	sorry, but we carinot manufacture and deliver this product within the next 3-4 month due to the component crisis	
	Raspberry Pi is a trademark of the Raspberry Pi Foundation. More information under www.raspberrypi.org	
	Valid from 01.01.2025, subject to errors and to technical changes as part of product improvement	