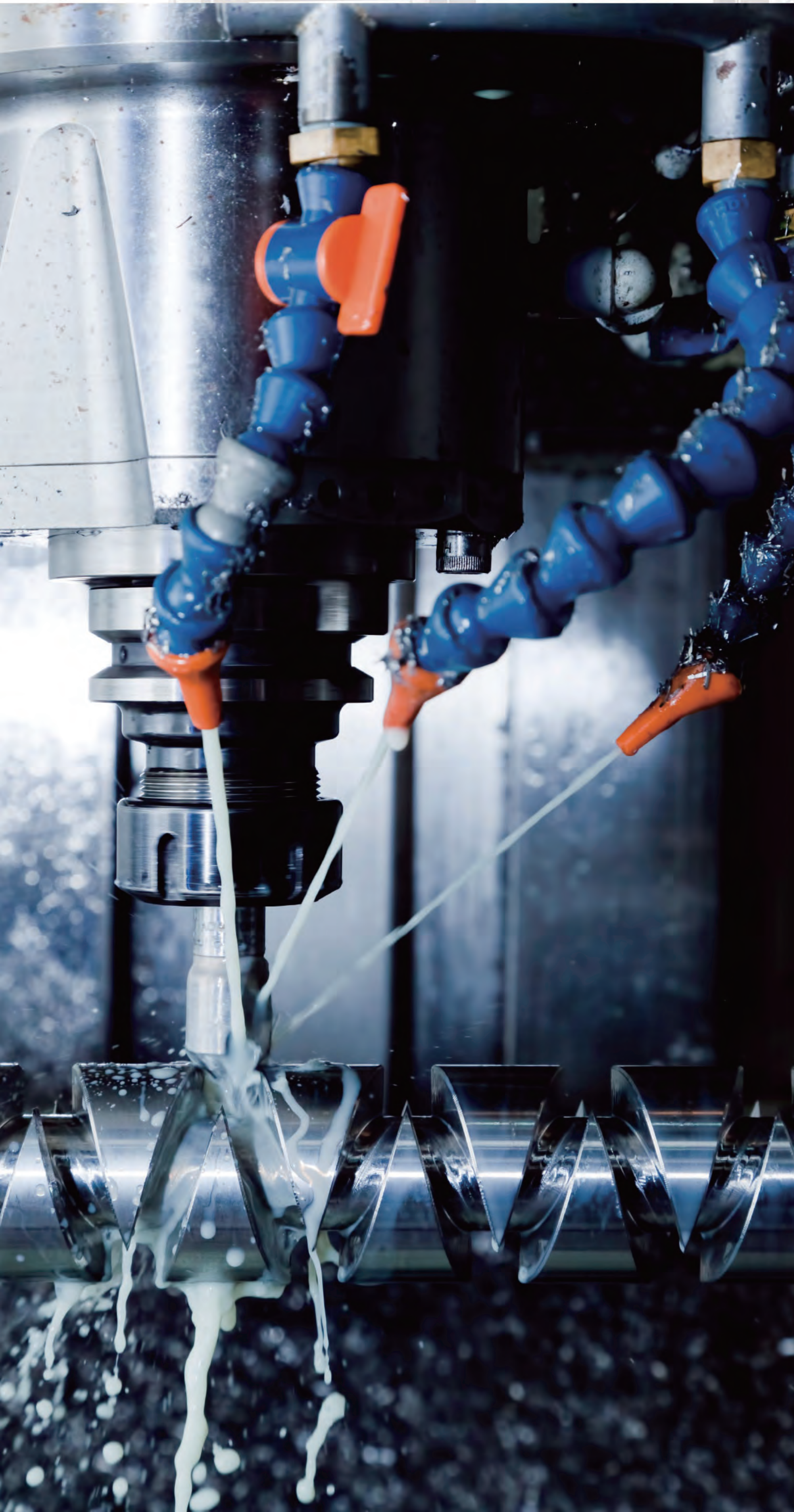


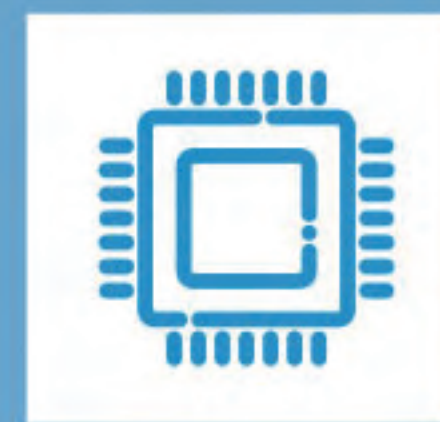
HMI Product Catalog



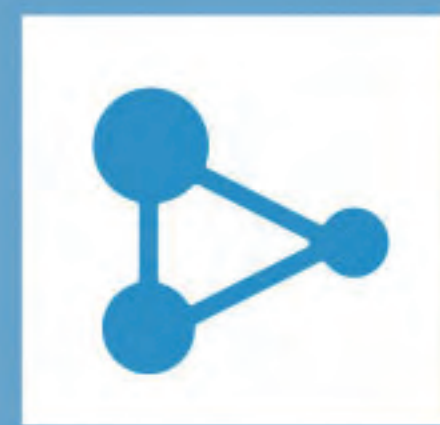
Human-machine Interface (HMI)



More Powerful



- Based on Linux system. Stable, efficient, safe and reliable.
- High-speed and efficient CPU.
- High capacity 128 MB FLASH+128 MB DDR3 (VA/VK/VT series 64MB), supporting external U disk storage.



- Multiple communication (232/422/485/Ethernet).
- Support two HMIs to communicate simultaneously with one PLC.



- Flexible configuration combination.
- Data collection, data alarm function.
- Macro instructions developed based on C language and assembly language.
- Support custom vector graphics.



- PC can communicate with PLC directly via HMI
- Support two HMIs to communicate simultaneously with one PLC
- Online simulation function, PC can be connected to PLC directly to simulate configuration project
- Alarm record memory can be expanded.


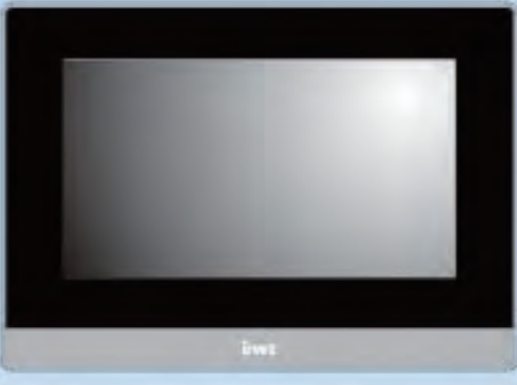
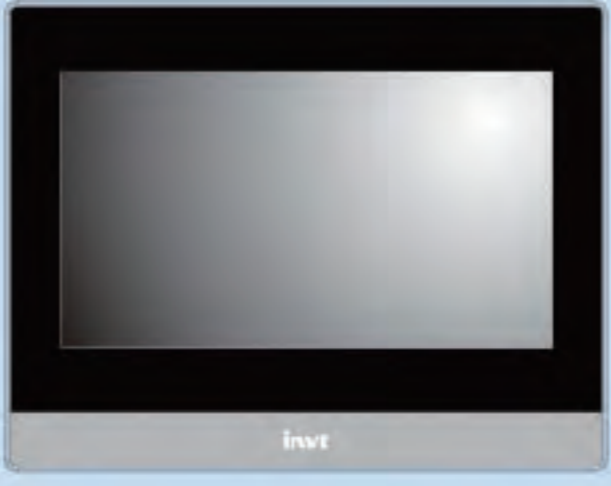



- Support 50 languages.
- Support TRUE TYPE(TTF) font.
- Support font editing with complex attributes.
- Unicode encoding, international standard.






- Industrial grade design, stable operation.
- FLASH, support for storing large-capacity data, no loss when power off, support U disk storage.
- Brand new password mechanism, safer and more reliable to use.

TC Series

						
Order No.	11026-00020	11026-00021	11026-00019	11026-00015	11026-00014	
Model	TC3043H	TC6070W	TC6070WE	TC6100WE	TC6156H	
Display						
Display size	4.3"	7"	7"	10.1"	15.6"	
Resolution	800x480	1024x600	1024x600	1024x600	1920x1080	
Display materials	TFT					
Color depth	24 bits					
Brightness(cd/m ²)	250	350	350	400	250	
Backlight type	LED					
Backlight life(hr)	50,000					
Touch panel type	4-wire industrial resistive screen					
CPU and memory						
CPU	Cortex-A8 600MHz			Cortex-A8 1GHz		
Memory	64M DDR3	128M DDR3	128M DDR3	128M DDR3	512M DDR3	
Flash	128M Flash	128M Flash	128M Flash	128M Flash	256M Flash	
Number of screens	7999 pages					
Communication interface						
USB	USB Client 2.0*1 / USB Host 2.0*1					
Serial interface	COM1	RS232/RS485/RS422				
	COM2	—	RS485(DB9)	RS485(DB9)	RS485(DB9)	RS485/RS422(DB9)
	COM3	RS232(DB9)	RS232(DB9)	RS232(DB9)	RS232(DB9)	RS232(DB9)
Ethernet	—	—	10M/100M BASE-T*1	10M/100M BASE-T*1	10M/100M BASE-T*2	
SD card slot	—	●	●	●	Micro SD	
Power supply						
Rated voltage	DC24V, working voltage range: 9V~28V					
Rated power	2.5W	10W	10W	10W	18W	
Environment						
Work temperature	0~50℃					
Work humidity	10~90%RH(No condensation)					
Protection level	Front board: IP65					
Certification						
CE	EN61000-6-2:2005;EN61000-6-4:2007					
RoHS	●	●	●	●	●	
Dimensions and weight						
Physical dimension W*H*D(mm)	138x86x32	204x145x33.8	204x145x33.8	273x213x36	394x256x36	
Hole dimension A*B(mm)	132x80	192x138	192x138	260x202	380x245 or VESA installation	
Weight(Kg)	0.3	0.56	0.56	0.92	2.25	
configuration						
Configuration software	INVT TC Studio Pro					

Note: ● for supported — for unsupported In the serial interface, DB9 is the master.

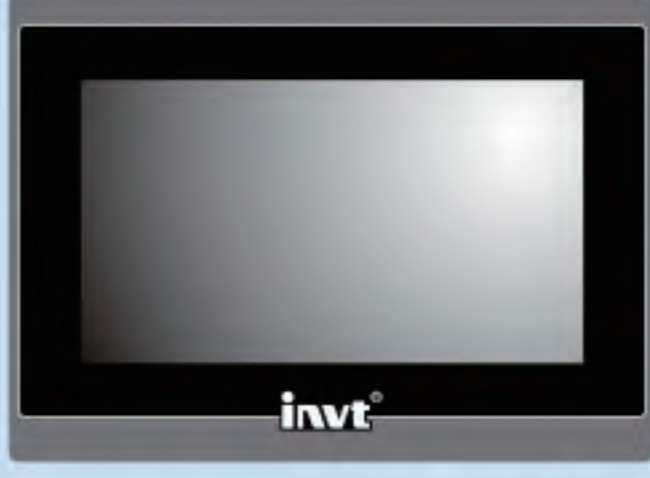



VS Series

						
Order No.	11060-00183	11060-00241	11060-00186	11060-00187	11060-00188	11060-00189
Model	VS-043FE	VS-043HS	VS-070HE-1	VS-070HS	VS-102HC	VS-102HCS
Display						
Display size	4.3"		7"		10.2"	
Resolution	480×272		800×480		1024×600	
Display materials	TFT					
Color depth	24 bits					
Brightness(cd/m ²)	400		450		500	
Backlight type	LED					
Backlight life(hr)	20,000					
Touch panel type	4-wire industrial resistive screen					
CPU and memory						
CPU	Cortex-A8 600MHz					
Memory	128M DDR3					
Flash	128M FLASH					
Communication interface						
USB	USB Host: USB2.0*1 / USB Client: USB2.0*1					
Serial interface	COM: RS232/422/485(DB9)			COM1: RS232/422/485(DB9) COM2: RS232/422/485(DB9)		
Ethernet interface	—	10M/100M BASE-T*1	—	10M/100M BASE-T*1	—	10M/100M BASE-T*1
Micro SD card slot	—					
Power supply						
Rated voltage	24VDC(±15%)					
Rated power	3W		5W		7W	
Environment						
Work temperature	-20~55°C					
Work humidity	5~95%RH(No condensation)					
Protection level	IP65(Front board)					
Certification						
CE	EN55032,EN55035					
FCC compatibility	FCC,Class A					
RoHS	●	●	●	●	●	●
Dimensions and weight						
Physical dimension W*H*D(mm)	150×93×39	173×95×39	203×145×40		274×180×40	
Hole dimension A*B(mm)	141×84	163×85	192×138		255×167	
Weight(Kg)	0.27	0.27	0.7		1	
Configuration						
Configuration software	HMITOOL					

Note: ● for supported — for unsupported In the serial interface, DB9 is the master.



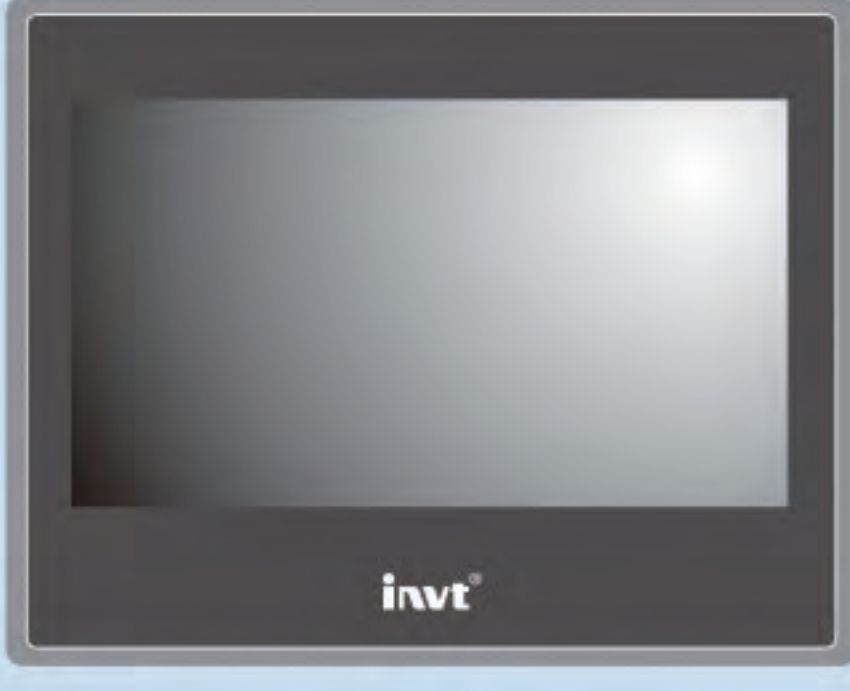
VA Series

VT Series

											
Order No.	11060-00156		11060-00157		11026-00018		11026-00017		11026-00016		
Model	VA2070-N0CXR		VA2100-N0CXR		VT2070-N0CTR-24		VT2070-H1ETR-31		VT2104-H0ETR-51		
Display											
Display size	7"		10.1"		7"		7"		10.4"		
Resolution	800*480		1024*600		800*480		800*480		800*600		
Display materials	TFT				TFT						
Color depth	16 bits				16 bits						
Brightness(cd/m ²)	350		250		400		400		400		
Backlight type	LED				LED						
Backlight life(hr)	20000				20000						
Touch board type	4-wire resistive screen				4-wire resistive screen						
Hardware											
CPU	RISC ARM9 32Bits 300MHz				RISC ARM9 32Bits 300MHz						
Memory	64MB DDR3				64MB DDR3						
Flash	128MB FLASH				128MB FLASH						
Number of screens	30 pages				7999 pages						
Interface											
USB	USB Host: USB2.0*1 USB Client: USB2.0*1				USB Host: USB2.0*1 USB Client: USB2.0*1						
Serial interface	COM1	RS232(DB9)		RS232 (DB9)		RS232/422/485(DB9)		RS232(DB9)			
	COM2	RS485/422(DB9)		RS422/485(DB9)		RS485(5-pin terminal)		RS422/485(DB9)			
	COM3	RS485(DB9)		—		RS485(DB9)		RS485(DB9)			
	COM4	—		—		—		RS485(5-pin terminal)			
	COM5	—		—		—		RS485(5-pin terminal)			
Ethernet interface	—				—		10M/100M BASE-T*1		10M/100M BASE-T*1		
Micro SD card slot	—				—		Micro SD		—		
Power supply											
Rated voltage	24VDC(±10%)(Isolation)				24VDC(±10%)(Isolation)						
Rated power	10W		20W		20W		20W		20W		
Environment											
Work temperature	-10~50℃				-10~60℃						
Work humidity	10~90%RH(No condensation)				10~90%RH(No condensation)						
Protection level	IP54(Front board)				IP66(Front board)						
Certification											
CE	EN61000-6-2,EN61000-6-4				EN61000-6-2,EN61000-6-4						
FCC compatibility	FCC, Class A				FCC, Class A						
RoHS	●		●		●		●		●		
Dimensions and wight											
Physical dimension W*H*D(mm)	203.5*148.5*31.5		270.8*212.8*42.5		188*143.3*40		188*143.3*40		270.8*212.8*42.5		
Hole dimension A*B(mm)	191.5*138		259*201		174.5*132.5		174.5*132.5		259*201		
Weight(Kg)	0.55		1.1		0.55		0.55		1.1		
Configuration											
Configuration software	VT Designer				VT Designer						

Note: ● for supported — for unsupported In the serial interface, DB9 is the master.

VK Series

								
Order No.	11060-00172	11060-00272	11060-00173	11060-00169	11060-00171	11060-00168	11060-00167	
Model	VK2043-N0CXN	VK2043-N0CXR	VK2043-N0EXR	VK2070-N0EXR	VK2070-N0CXR	VK2100-N0CXR	VK2100-N0EXR	
Display								
Display size	4.3"	4.3"	4.3"	7"	7"	10.1"	10.1"	
Resolution	480*272	480*272	460*272	800*480	800*480	1024*600	1024*600	
Display materials	TFT							
Color depth	16 bits							
Brightness(cd/m ²)	400	400	400	400	400	350	350	
Backlight type	LED							
Backlight life(hr)	20000							
Touch board type	4-wire resistive screen							
Hardware								
CPU	RISC ARM9 32Bits 300MHz							
Memory	64MB DDR3							
Flash	128MB FLASH							
Number of screens	7999 pages							
Interface								
USB	USB Host: USB2.0*1 / USB Client: USB2.0*1							
Serial interface	COM1	—	RS232 (5-pin terminal connector)	RS232(DB9)	RS232(DB9)	RS232(DB9)	RS232(DB9)	
	COM2	—	RS422/485(5-pin terminal connector)	RS422/485(DB9)	RS422/485(DB9)	RS422/485(DB9)	RS422/485(DB9)	
	COM3	—	RS485(5-pin terminal connector)	RS485(DB9)	RS485(DB9)	RS485(DB9)	RS485(DB9)	
Ethernet interface	—	—	10M/100M BASE-T*1	10M/100M BASE-T*1	—	—	10M/100M BASE-T*1	
Micro SD card slot	—							
Power supply								
Rated voltage	24VDC(±10%)(Isolation)							
Rated power	10W	10W	10W	20W	20W	20W	20W	
Environment								
Work temperature	-10~60℃							
Work humidity	10~90%RH(No condensation)							
Protection level	IP65(Front board)							
Certification								
CE	EN61000-6-2,EN61000-6-4							
FCC compatibility	FCC, Class A							
RoHS	●	●	●	●	●	●	●	
Dimensions and wight								
Physical dimension W*H*D(mm)	129*103*33	129*103*33	129*103*33	203.5*148.5*37	203.5*148.5*37	270.8*212.8*42.5	270.8*212.8*42.5	
Hole dimension A*B(mm)	118.5*92.5	118.5*92.5	118.5*92.5	191.5*138	191.5*138	259*201	259*201	
Weight(Kg)	0.23	0.23	0.23	0.55	0.55	1.1	1.1	
Configuration								
Configuration software	VT Designer							

Note: ● for supported — for unsupported In the serial interface, DB9 is the master.

Automation Product Family



■ HMI

VK Series
VT Series
VS Series
VA Series
TC Series



■ Controller

IVC1S Series Programmable Controller
IVC1L Series Programmable Controller
INV2 Series Programmable Controller
IVC3 Series Programmable Controller
AX Series High-performance Programmable Controller



■ Servo System

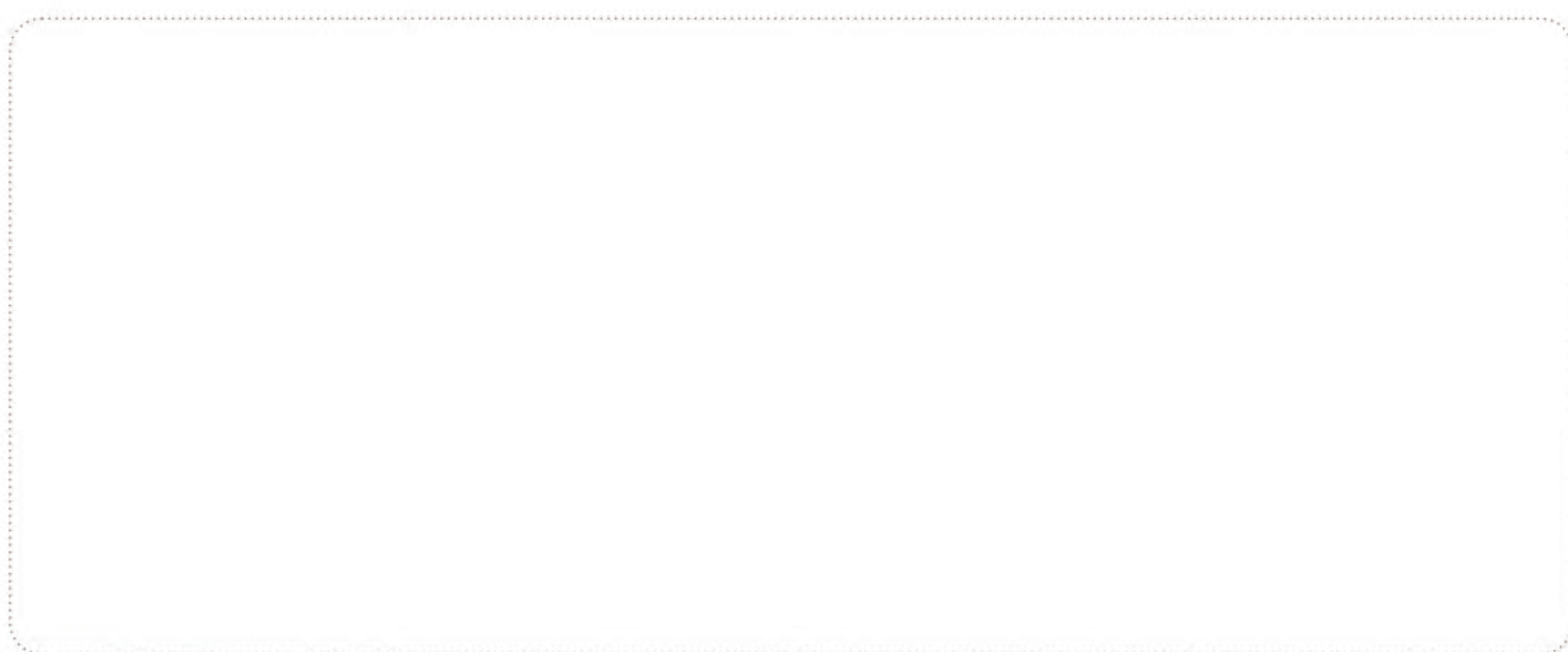
General servo drive System
Industry specific servo system
Industry specific electronic control system



■ VFD

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 - New Energy Vehicle Charging System
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