

VI20 시리즈 HMI



제품 개요

VEICHI 산업용 HMI VI20 시리즈, 산업용 ABS 플라스틱 쉘과 높은 신뢰성을 갖춘 차세대 IOT HMI. 새로운 모델은 보다 실용적인 다운로드 케이블 접근 방식과 더 나은 외관을 제공합니다. 고해상도 모델도 가능합니다. FLink IOT 모듈을 사용하면 IOT HMI를 즉시 업그레이드하고 완전하고 편리한 산업용 IOT 클라우드 플랫폼 서비스를 즐길 수 있습니다.



모델 설명

VI 20 - 101S - F E

F	Without Ethernet	
	FE	With Ethernet
043S	4.3 inch	
	070S	7 inch
	101S	10.1 inch
20	Product Series	
VI	Product Code	

제품의 특징

HD, 하이라이트, 전체 시야각





고화질, 고휘도 디스플레이 LCD를 사용하여 최대 시야각이 170도에 이릅니다.

4.3"	800×480	250 cd/m ²
7"	1024×600	350 cd/m ²
10.1"	1024×600	400 cd/m ²



엣지 컴퓨팅 지원





강력한 임베디드 운영 소프트웨어, 즉 엣지 컴퓨팅 소프트웨어 보유

-  300+ protocol local resolution
-  VPN and routing functions
-  Data storage function
-  Support MQTT



Flink IoT 확장 모듈 지원

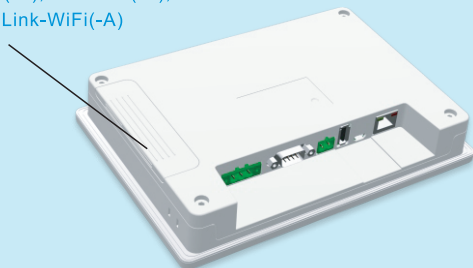
Flink를 통한 현장 디바이스 데이터의 원격 구성 가능

-  PLC remote download
-  Data configuration
-  Historical data query
-  Alarm configuration

확장 모듈 카드 슬롯





서포트 모듈 :

FLink, FLink-2G(-A), FLink-4G(-A),
FLink-4G(-C), FLink-WiFi(-A)



클라우드 플랫폼 Flex Cloud 지원

B/S 구조에 기반한 강력한 SAAS 플랫폼

-  Configuration monitoring
-  Map monitoring
-  Data report
-  Mobile APP

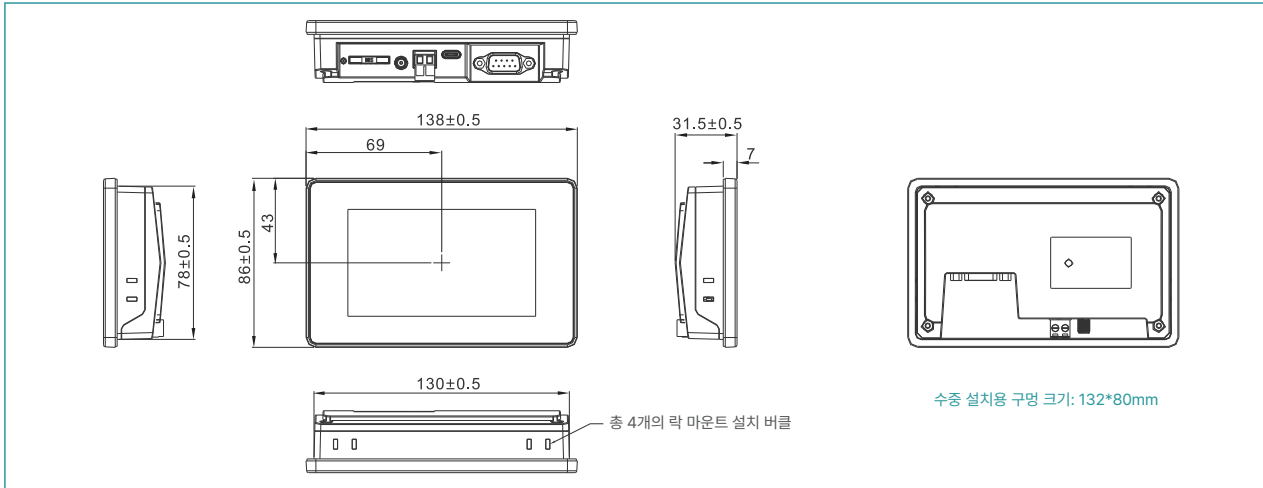


파라미터 기술

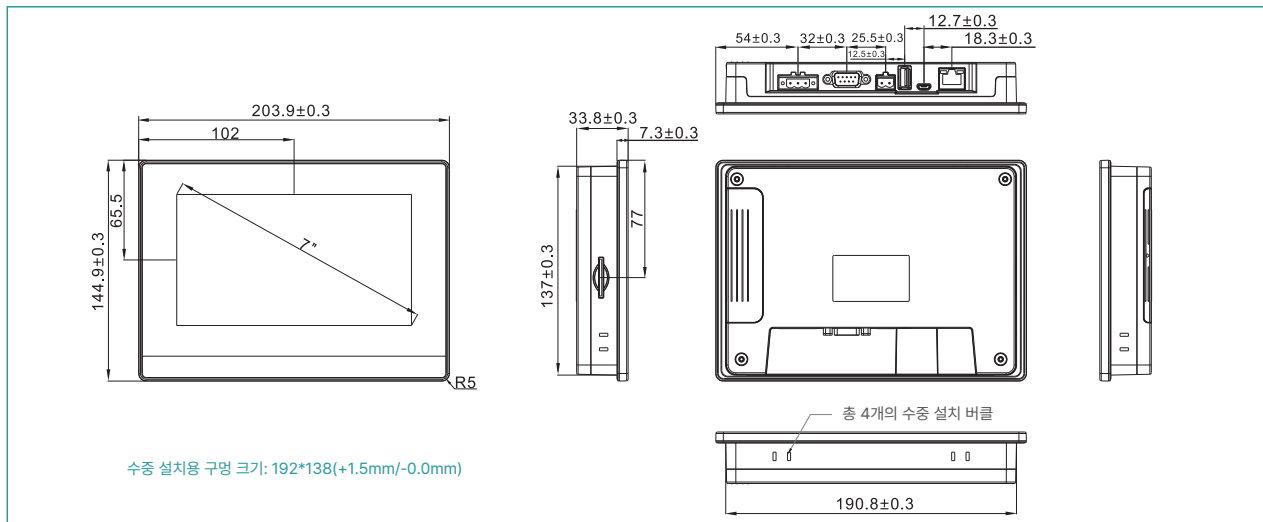
Hardware parameters	Model	VI20-043S-F	VI20-070S-F	VI20-070S-FE	VI20-101S-F	VI20-101S-FE
	Display screen	4.3" 16:9 TFT LCD screen	7" 16:9 TFT LCD screen			10.1" 16:9 TFT LCD screen
	Resolution	800×480	1024×600			
	Color	16 bits	24 bits			
	Brightness	250 cd/m²	350 cd/m²			400 cd/m²
	Backlight	LED				
	LCD life	50000 hours				
	Touch screen	4-wire industrial resistive touch screen				
	CPU	720MHz ARM	600MHz ARM Cortex-A8			
	Memory	64MB RAM+128MB Flash	128M Flash + 128M DDR3			
	RTC	With	Built-in real-time clock			
	Ethernet	Without	Without	1 channel 10M/100M adaptive	Without	1 channel 10M/100M adaptive
	USB port	One Type-C OTG interface	One USB Slave 2.0 port;One USB Host 2.0 port			
	Program download method	USB Slave/U Disk (Need to be equipped with adapter cable)	USB Slave/U Disk	USB Slave/U Disk/Ethernet	USB Slave/U Disk	USB Slave/U Disk/Ethernet
	Serial communication interface	COM1 RS232/RS485/RS422 COM3: RS232	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232	COM1: RS232/RS485/RS422 COM3: RS232	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232
LCD viewing angle (T/B/L/R)	80'/80'/80'/80'	85'/85'/85'/85'				
Electrical Specifications	Rated power	< 2.5W	< 10W			
	Rated voltage	DC24V, Workable range DC 9V~28V				
	Power protection	With lightning surge protection				
	Allow power loss	< 5mS				
	CE & RoHS	Comply withEN61000-6-2:2005 ; EN61000-6-4:2007 standard; Lightning surge±1KV ; Group pulse±2KV ; Static contact 4KV ; Air discharge 8KV Comply with RoHS	Comply with EN61000-6-2:2005 EN61000-6-4:2007 standard Comply with RoHS lightning surge±1KV Group pulse±2KV Static contact 4KV, Air discharge 8KV			
Environmental requirements	Operating temperature	0~50℃				
	Storage temperature	-20~60℃				
	Anti-UV	It is forbidden to work in a strong ultraviolet environment (such as direct sunlight)				
	Environment humidity	10~90%RH(No condensation)				
	Shock resistance	10~25Hz (X/Y/Z direction 2G/30 minutes)				
	Cooling method	Natural air cooling				
Mechanical index	Protection level	The front panel complies with IP65 (installed with flat panel cabinets), and the back shell complies with IP20				
	Mechanical structure	Engineering plastics				
	Hole size	132mm×80mm	192mm×138mm		260mm×202mm	
	Overall size	138mm×86mm×32mm	204mm×145mm×33.8mm		273mm×213mm×36mm	
	Total size	About 300g	About 560g		About 890g	

설치 치수 도면

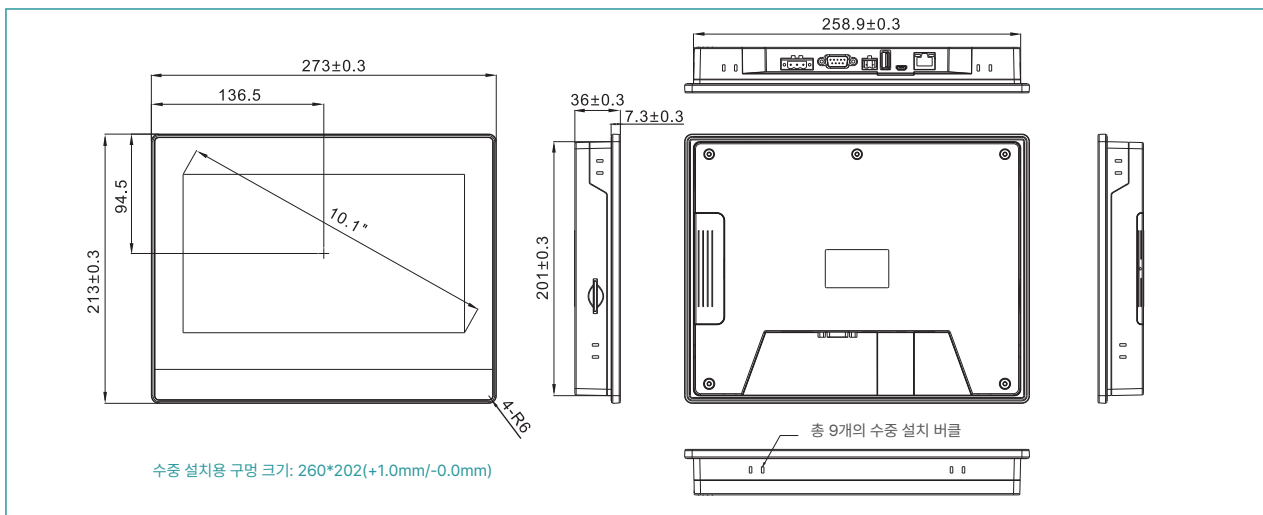
VI20-043S-F 치수 도면



VI20-070S-F / VI20-070S-FE 치수 도면



VI20-101S-F / VI20-101S-FE 치수 도면



VEK

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