JK Fenner

PowerTran®
Industrial Automation

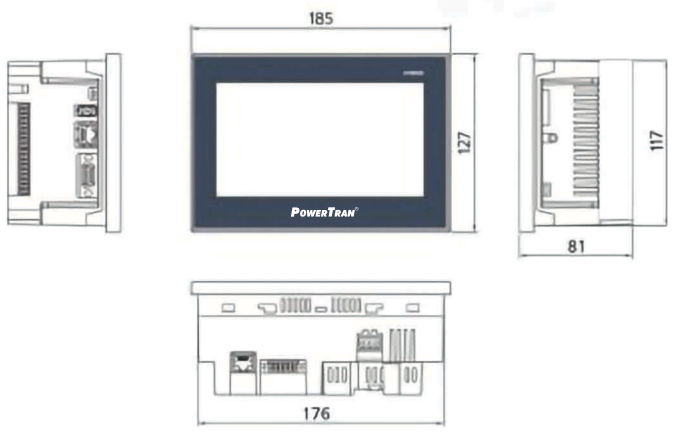
NEW

Xpanel HYBRID

Key Updates

- 2 Ethernet Ports
- Brighter Screen
- Longer Screen Life
- Sink / Source Available







VESA WALL MOUNT

Get a clean and safe installation for articulating arms using the VESA mount.

SEPARATED TERMINAL

Use both XpanelDesigner and CICON PLC software to easily connect to other devices using the built-in USB mini-B port.

HIGH RELIABILITY

Shares reliability standards with other POWERTRAN PLC series (internal test standard)

UNIVERSAL PLATFORM

Alarms, Historian, over 200 protocols, and more on one compact unit.

SPEED

- Max 32 PID loop control.
- Equipped with 20 kHz (kpps) high-speed counter.
- 2-axis servo control embedded.

Specifications

Model	CM-sHP07CD-DR	CM-sHP07CD-DT	CM-sHP07CD-DC
Rated Voltage	24VDC (0.46 A)	24 VDC (0.33 A)	
Operating Temperature	0–60°C		
Resolution	WVGA 800x400		
Backlight	LED		
Luminance	600 cd/m²		
Backlight Life	50,000 hours		
Touch Panel	4 wire resistive		
Memory	128 MB DDR2		
Storage	128 MB SLC NAND Flash		
SD Card	1 SD slot		
Comm. Ports (HMI)	1 Ethernet (10/100 Base-T), 1 Serial (internal), 1 Serial (RS-232C/422/485)		
Comm. Ports (PLC)	1 Ethernet (10/100 Base-T), 1 Serial (internal), 1 Serial (RS-232C), 1 Serial (RS-422/485)		
USB 2.0 Host	1 port		
Tool Port (HMI + PLC)	1 USB mini-B		
Audio	1 port		
Output (PLC)	Relay output 8 pts	TR output (SINK) 7 pts	TR output (SRC) 7 pts
Input (PLC)	TR input 8 pts		
OS	Windows CE 6.0		
Weight	0.85 kg (1.87 lbs)		
Embedded PLC-S (All Models)			
Data Processing Method	32-bit		
Instructions	Sequence: Approx. 60 instructions Application: Approx. 480 instructions		
Processing Speed	300 ns/Step		
No. of Program Blocks	Max. 128		
Operation Mode	Remote (Run, Stop)		
Backup Method	K device and conservation (Latch) in M, L, T, C, S, D device		
Max I/O pts & Expansion	94 pts/1 option module + 2 PLC-S modules		
Program Type	Scan, Subroutine, Periodic Interrupts, Special, Initialization		
Self-Diagnosis	Monitor Scan Time Delay, Errors in Memory, I/O, Battery & Power		
Etc.	Floating Point Arithmetic, Online Edit		
RTC	Embedded (Battery CR2032 Backup)		
Program Capacity	10k Steps		
Environmental Conditions (All Models)			
Operating Humidity	10–90% RH, No condensation		
Vibration Resistance	JIS B 3502, IEC/EN 61131-2 compliant		
Shock Endurance	JIS B 3502, IEC/EN 61131-2 compliant		
Noise Immunity	Impulse, EFT/Burst, Surge, ±2 kV, 1 µs		
Ambient Conditions	Avoid corrosive gas and excessive dust		
Operating Altitude	≤ 2000 m		
Pollution	≤ 2		
Cooling	Natural air cooling		