XT PowerStations

Maximize Your Drive System Investment with Next Generation Xpress HMI

Unlock the power of the information within your system

Status screens with operational, alarm and fault information keep operators informed about machine performance allowing them to stay ahead of developing issues before they affect quality, safety or cause a shutdown.

When linked to help screens that can include animated graphics, photo's and .pdf pages, operators can quickly take the right corrective actions.

Using the XT's web server capability, status and production information can be shared over the web with all the process stake holders. When combined with Parker's Xpress Manager app, these benefits are extended to tablets and smart phones allowing persons to stay on top of events as they occur. They can even view maintenance and diagnostic screens while the operator's view remains unchanged on the device itself.

Improve quality and repeatability

Recipe set and recall functionality can be easily enabled within the same screens used by the operator. Recipes and production data may be exchanged with higher level systems, and password protection keeps your data secure.

Safety

The XT HMI's make troubleshooting and diagnostic information accessible without having to open the cabinet doors and expose personnel to high voltage and arc flash hazards which improves safety and minimizes the need for cumbersome PPE.
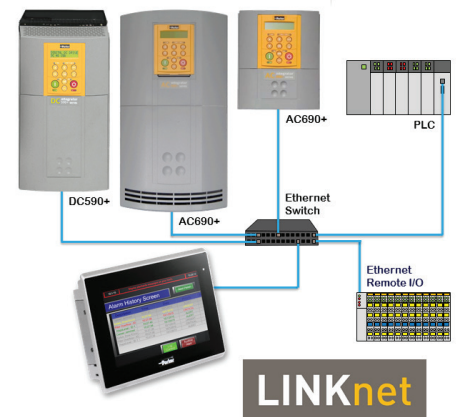

Connectivity brings it all together

Multiple communications ports including (2) Ethernet ports allow the XT to connect to control and display data from devices aside from drives; even devices using other protocols. Further, having (2) Ethernet ports helps mitigate the issues associated with connecting machine level networks to plant wide networks.

Integration

Parker's XT family of HMI's provide easy connectivity to all of our drive products. With XT's vast library of communication drivers it can also act as a gateway between the drives and other industrial networks.

Improved bottom line

Using HMI's in place of traditional operator devices reduces assembly costs and reduces the number of individual items to buy, inventory, and quote. It has the added benefit of reduced installation wiring. HMI's also provide the ability to make functional changes faster, thereby reducing the time to bring the system into production. All of these contribute to an enhanced return on investment.

ENGINEERING YOUR SUCCESS.

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Features		XTA-007	XTA-010	XTA-015
Display	Size	7"	10.1"	15.6"
	Resolution	WVGA (800x480)	WXGA (1280x800)	FWXGA (1366x768)
	Bulb Life (hours)	40,000	40,000	50,000
	Touch Interface	Analog Resistive		
Power Input		12/24VDC @ 9W	12/24VDC @ 11W	12/24VDC @ 18W
HMI Software		Xpress 4.1 Runtime		
Processor and RAM		Intel Bay Trail N2930 (1.83 GHz Quad Core) with 4GB DDR3L		
SD Storage		2 GB SD card		
Ports	USB	(1) USB 2.0; (1) USB 3.0		
	Serial	(1) RS-232/422/485; (1) RS-232		
	Ethernet	(2) 1000 Base-T, RJ45		
	Audio Out	(1) Audio Out		
Temperature		0 – 50°C		
IP Rating		IP65 Front Bezel		
Agency Approval		CE, UL/cUL, IEC/EN61010, FCC Class A, Haz-Loc (Class1 Div2), RoHS, REACH		

Parker can provide adjustable speed drives for a wide range of applications. For the OEM and the less complex application space we have our AC10 series now available to 250HP and in a NEMA 4X package. For applications requiring closed loop feedback and/or a wide range of communications options we have the AC30 series. Our AC690+ and AC890 series are designed for the most demanding and complex applications and are available to 2000HP.

Parker's DC590+ DC series is available as a complete drive package with fusing and contactor or as a module only for retrofit applications. Its unparalleled and intuitive configurability make it the ideal choice for retrofitting drives from a wide range of suppliers no longer in the DC business.

All Parker drives are configured using our *DSELite* software tools. *DSELite* is widely recognized as the most comprehensive, yet most intuitive and easy to use drive software available.

Parker Drives - PRODUCT RANGE

DC590+	DC Drives to 2000 HP
AC10	Standard AC Drives to 250 HP
AC10	NEMA 4X AC Drives to 15 HP
AC30	Mid-Feature AC Drives to 300 HP
AC690+	Integrator Series AC Drives to 500 HP
AC890	Modular AC System Drives to 2000 HP
	Engineered System Solutions

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