

The H-series offers valuable HMI functionality at an affordable level. The series include keypad and touch screen interfaces and is available in six different sizes from 3 to 10.4 inches. Offering three levels of functionality – Standard, Plus and Network.

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### H-T50b

H-T50b has a 4.7" graphic touchscreen display with 16 shades of blue and a resolution of 240×128 pixels. There are two communication ports supporting RS232, RS422 and RS485.

The front enclosure is IP65 classified, which means that it is protected against low pressure water jets from any direction. The operator terminal is configured with the intuitive software tool H-Designer.

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### H-T80c

The Plus version of H-T80c has a 7.5" graphic touchscreen display with 256 colors and a resolution of 640×480 pixels. The keypad includes one menu key and 6 user-defined function keys. There are three communication ports supporting RS232, RS422 and RS485. Additional there are 2 USB host ports and 1 USB device port (enhanced version). The built in CF card slot also allows expanded logging and recipe memory as well as backup possibilities. The front enclosure is IP65 classified, which means that it is protected against low pressure water jets from any direction. The operator terminal is configured with the intuitive software tool H-Designer.

H-T80c is also available in a Network H-T80c-Ne version.

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### H-T100t

The Plus version of H-T100t has a 10.4" graphic touchscreen tft display with 64k colors and a resolution of 640×480 pixels. The keypad includes one menu key and 7 user-defined function keys. There are three communication ports supporting RS232, RS422 and RS485. Additional there are 2 USB host ports and 1 USB device port (enhanced version). The built in CF card slot also allows expanded logging and recipe memory as well as backup possibilities. The front enclosure is IP65 classified, which means that it is protected against low pressure water jets from any direction. The operator panel is configured with the intuitive software tool H-Designer.

H-T100t is also available in a Network, H-T100t-Ne version.



EXTER affords an operator interface panel that will impress you! Robust construction, a high-performance Intel Xscale processor and multiple communication ports provide the future-proof choice for your machines or processes.

### Graphic Keypad Operator Terminals

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#### EXTER K10

Graphic Keypad operator terminal.  
160×32 pixels, Backlit black and white LCD display.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER K20

Graphic Keypad operator terminal.  
240×64 pixels, Backlit black and white LCD display.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER K30

Graphic Keypad operator terminal.  
240×64 pixels, Backlit black and white LCD display.  
Built in Ethernet and USB Host.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER K60m

Graphic Touch operator terminal.  
320×240 pixels, Backlit 5.7" TFT-LCD 16 greyscales display.  
Built in Ethernet and USB Host.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2

See picture  
EXTER K60

#### EXTER K60

Graphic Keypad operator terminal.  
320×240 pixels, Backlit 5.7" TFT-LCD 64k color display.  
Built in Ethernet and USB Host.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER K70

Graphic Keypad operator terminal.  
640×480 pixels, Backlit 6.5" TFT-LCD 64k color display.  
Built in Ethernet, USB Host and device and CompactFlash slot.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER K100

Graphic Keypad operator terminal.  
800×600 pixels, Backlit 10.4" TFT-LCD 64k color display.  
Built in Ethernet, USB Host and device and CompactFlash slot.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



### Graphic Touch Operator Terminals

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#### EXTER T40m

Graphic Touch operator terminal.  
320×240 pixels, Backlit 3.5" TFT-LCD 16 greyscales display.  
Built in Ethernet and USB Host. RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER T40

Graphic Touch operator terminal.  
320×240 pixels, Backlit 3.5" TFT-LCD 64k color display.  
Built in Ethernet and USB Host.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER T60m

Graphic Touch operator terminal.  
320×240 pixels, Backlit 5.7" TFT-LCD 16 greyscales display.  
Built in Ethernet and USB Host.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER T60

Graphic Touch operator terminal.  
320×240 pixels, Backlit 5.7" TFT-LCD 64k color display.  
Built in Ethernet and USB Host.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER T70

Graphic Touch operator terminal.  
640×480 pixels, Backlit 6.5" TFT-LCD 64k color display.  
Built in Ethernet, USB Host and CompactFlash slot.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER T100

Graphic Touch operator terminal.  
800×600 pixels, Backlit 10.4" TFT-LCD 64k color display.  
Built in Ethernet, USB Host and device and CompactFlash slot.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



#### EXTER T150

Graphic Touch operator terminal.  
1024×768 pixels, Backlit 15.1" TFT-LCD 64k color display.  
Built in Ethernet, USB Host and device and CompactFlash slot.  
RS232, RS422/RS485.  
24 VDC power supply. cUL Class 1 div 2



### Graphic Touch Operator Terminals Sun Readable Black Bezel

Affording aesthetic appeal combined with anti-glare capability, these elegant and robust black sun-viewable operator interface panels offers compact functionality, outstanding viewing in any light conditions and a 100% dimmable backlight for first-class night-time vision. The **EXTER T70sr-bl**, **EXTER T100 sr-bl** and **EXTER T150 sr-bl** are the ideal all-hours HMI solution for all kinds of applications, from the Oil and Gas sectors to Marine and Offshore environments. The sun-readable display is developed to give a clear and sharp image when exposed to sunlight whereas a standard display gets unreadable. The operator interface panels are completely interoperable with all major brands of automation equipment and possess certification from major classification societies.

The IP66 classified front is developed to cope with tough environments and the easy-to-use Information Designer software makes configuration simple.

#### EXTER T70 sr-bl

Graphic Touch operator terminal.  
640×480 pixels.  
Backlit 6.5" TFT-LCD 64k color display.  
Built in Ethernet, USB Host and device and CompactFlash slot.  
RS232, RS422/RS485.  
24 VDC power supply.  
\*cUL Class 1 div 2

**Sun Readable - Black Bezel**



#### EXTER T100 sr-bl

Graphic Touch operator terminal.  
800×600 pixels.  
Backlit 10.4" TFT-LCD 64k color display.  
Built in Ethernet, USB Host and device and CompactFlash slot.  
RS232, RS422/RS485.  
24 VDC power supply.  
\*cUL Class 1 div 2

**Sun Readable - Black Bezel**



#### EXTER T150 sr-bl

Graphic Touch operator terminal.  
1024×768 pixels.  
Backlit 15.1" TFT-LCD 64k color display.  
Built in Ethernet, USB Host and device and CompactFlash slot.  
RS232, RS422/RS485.  
24 VDC power supply.  
\*cUL Class 1 div 2

**Sun Readable - Black Bezel**



\*Pending. See **Beijer Electronics** documentation for an update.