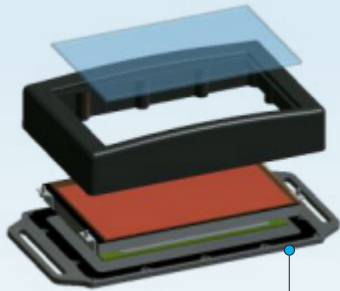


iMX Touchscreen HMI



This human interface device is based on the Freescale ARM11® iMX357 processor running up to 532MHz. The 2.5D graphic HW acceleration combined with the vector floating point unit allows computation of high-end graphics and algorithms for the best user experience. With a small form factor and a low power consumption, it can be utilized in several mobile applications. Additional flexibility is achieved with the support of several LVDS LCD panels with a resolution up to 1024 x 768, which makes this HMI extremely adaptable to a wide range of applications.

Ideal for mobile applications
in rough environments

TECHNICAL DATA	
MICROCONTROLLER	iMX357 32-bit up to 532MHz
MEMORY	256MB FLASH + 64MB RAM + 2KB EEPROM
GRAPHICS	OpenVG 1.1 2.5D HW accelerator
DISPLAY CONTROLLER	Up to 1024 x 1024 resolution LVDS 18/24-bit pp
TOUCHSCREEN CONTROLLER	Resistive, 4 wires
CONNECTIVITY	2 x CAN 2 x USB 3 x ETHERNET 2 x UART
VIDEO INPUT	CMOS/CCD sensor interface (PAL/NTSC)
AUDIO	S/PDIF I/O with 0.5W speaker
WIRELESS CONNECTIVITY	ZigBee®/WiFi/GPRS/CDMA module interface
POWER SUPPLY	6V–30V DC
TEMPERATURE RANGE*	-30°C to +70°C operative, -40°C to +85°C storage
OPERATING SYSTEM	Win CE 6.0, Linux 2.6.31
ENCLOSURE	Customizable
	Board support package included

* Board only. Panel will define the final temperature range.