Inelco Hunter Limited
specialist supplier of electronic components & solutions

Unleash the potential of your business, with our range of 3.5", 4.3", 5", 7" and 10.1" STM32 displays

Applications

The potential uses are enormous, encompassing a wide range of applications, including HVAC coolers, industrial automation, medical devices, home technology, IoT products, communication systems and more.

Industrial HVAC/HMI Controller

Medical Devices and Applications

Fire & Security Panels

Smart Home / BMS Systems

Smart Product, Smart Choice

Features:

- Arm Cortex-M7 MCU, with 480MHz core
- 16MB SDRAM and 32MB QSPI Flash
- 8GB EMMC (Optional)
- On-board USB, I2C, UART, CAN, SPI
- microSD card interface
- Supports RTC
- Reconfigurable GPIO for flexible design
- 450cd/m^2 or 1,000 cd/m^2 brightness
- 1280x800px resolution
- On-board 10/100 Base-T Ethernet interface with PHY IC built in

Benefits:

- Full viewing angle display (80/80/80/80)
- TouchGFX application templates with free BSP
- PCAP touch screen
- Easy Integration for panel or flush mounting
- Backlight control via PWM
- Single power source
- Pre-assembled Touch screen display and STM32 Interface board

Size (inches)	Part No.	Brightness	Resolution	Power Supply
3.5	JXMA320240T028-ZHC	850 cd/m^2	320 x 240 114 PPI	5V
4.3	JXMA480272T016-ZHC	850 cd/m^2	480 x 272 138PPI	5V
5	JXMA800480T030-ZHC	850 cd/m^2	800 x 480 186 PPI	5V
7	JXMA102600T013-ZHC05	1,000 cd/m^2	1024 x 0600 169 PPI	12V
10.1	JXMA128800T004-ZFC07	450 cd/m^2	1280 x 0800 149 PPI	12V
10.1	JXMA128800T004-ZZC11	1,000 cd/m^2	1280 x 0800 149 PPI	12V

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