

# MAR Series

# Analog Multi Resistive Touch screen

Multiple touches is available

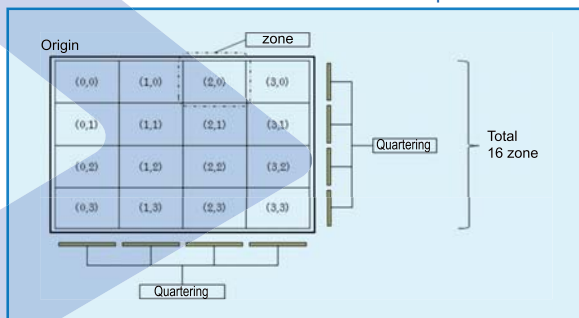


- | Recognize more than two points in different partitioned areas.
- | Customizable.
- | Can be input with Glove and Pen.
- | Recognize gesture input.
- | Palm rejection possible.  
(some partition areas can be inactivated)

## Features

Multi Analog Resistive Touch Screen (MAR) that can recognize multi points simultaneously as input. Functions and characteristics of the Multi Analog Touch Screen make it a good choice for industrial, GAME, KIOSK, Digital Signage and medical applications. Customization is available.

## Touch Screen Structure



## Specifications

CPU	CPU frequency : 24 [MHz]
Voltage	5[V] : USB by bus power or, AC adapter(5[V], 1[A])(RS232C operation only) Supply voltage : 4.75[V] / 5.25[V] 3.3[V] : RS232C operation only
Substrate	Substrate size : 60 x 30 [mm] Height(Substrate+parts) : 7.4 [mm] RHS free
Connector distance	Distance between CN1 and CN2 : 20.0 [mm] Distance between CN1 and the edge of Substrate : 25.0[mm] Distance between CN2 and the edge of Substrate : 15.0[mm]
Response time	4x4 division 1 point detection : 7ms, 2 point detection : 32ms 8x10 division 1 point detection : 13ms, 2 point detection : 38ms
Power consumption	42mA

## Controller Features

The customization of the pin layout is available by a customer demand.  
Large size touch screen is available by using multiple controllers.

Chip size	8.4mmx8.4mm
Substrate size	60.0mmx30.0mm
Voltage	5V
Power consumption	50mA



**DMC Co., Ltd.**  
Interface with Touch

<http://www.dmccoltd.com/english>

DMC Co., LTD is a touch screen manufacturer.

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