



Industrial Multi-Media LCD Monitor - Close Frame

MD-X415400 Series



Features:

- 15.0" TFT LCD supports 1024 x 768 resolutions
- Wide range of operation temperature: -20°C ~ 70°C
- Wide viewing angle: 80 (H & V)
- High contrast ratio (700 : 1)
- High performance Genesis LCD controller
- Luminance 450 nits
- Standard RGB signal input interface
- Optional support for two audio speakers
- Optional support for DVI & Video interface
- Optional support for touch screen

Specifications:

Signal Input Interface

RGB
 Audio (Optional)
 DVI (Optional)
 RCA_Jack, S_Video (Optional)
 YCbCr (Optional)

OSD Control

Auto-detection & Auto-adjustment
 Horizontal & Vertical position adjustment
 Brightness / Contrast / Hue / Saturation adjustment
 Auto color setup and adjustment

Resolution & Display Color

Display Color: 16.2M colors
 XGA 1024 x 768 @ 60HZ, 70HZ, 75HZ
 SVGA 800 x 600 @ 60HZ, 70HZ, 75HZ
 VGA 640 x 480 @ 60HZ, 70HZ, 75HZ

Audio Output Characteristic (Optional)

Impedance: 8 ohm ± 15% at 1.5KHZ
 Max. Input Power: 3.0 W
 Frequency Range: Fo – 9KHZ
 Sensitivity (S.P.L.): 77dB (W/m) ± 3 dB at AVE 1.0KHZ, 1.2KHZ, 1.6KHZ, 2.0KHZ

Touch Screen Characteristic (Optional)

Five Wire Analog Resistive Touch Screen
 Five Wire Analog Capacitive Touch Screen
 SAW Touch Screen

Mechanical Characteristic

Dimension (L x W x H): TBD
 Weight: TBD
 Color: Black

Power

Power Adapter: 60W
 AC Input Voltage: 90VAC to 264VAC
 AC Input Frequency: 50/60 HZ
 Max. Load Current: 5A

Architecture

SECC steel
 Standard VESA mounting holes (75/100 mm)

Panel Specification

Item	Specification	Unit	
1	Diagonal Size	15.0	inch
2	Active Area	304.128(H) x 228.096(V)	mm
3	Bezel Opening Area	307.4(H) x 231.3(V)	mm
4	Driver Element	a-si TFT active matrix	-
5	Pixel Number	1024 x R.G.B. x 768	pixel
6	Pixel Pitch	0.297(H) x 0.297(V)	mm
7	Display Color	16.2M	color
8	Center Luminance of White	450	nit
9	Contrast Ratio	700	-
10	Response Time	TR=8, TF=17	ms
11	View Angle	80 (H & V)	degree
12	Backlight MTBF	50,000	hour
13	Panel Type	TFT Active	-
14	Storage Temperature	-20 ~ 80	°C
15	Operation Temperature	-20 ~ 70	°C

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Ordering Information:

Model Number	Type	Brightness (nit)	Interface	Touch Screen	Touch Interface
MD-X415400	Close frame	450	RGB	N/A	N/A
MD-X415420	Close frame	450	RGB, DVI	N/A	N/A
MD-X415450	Close frame	450	RGB, DVI, Composite, S_Video	N/A	N/A
MDS-X415401	Close frame	450	RGB	5-Wire R_Touch	USB
MDS-X415421	Close frame	450	RGB, DVI	5-Wire R_Touch	USB
MDS-X415451	Close frame	450	RGB, DVI, Composite, S_Video	5-Wire R_Touch	USB
MDA-X415406	Close frame	450	RGB, Audio	N/A	N/A
MDA-X415426	Close frame	450	RGB, DVI, Audio	N/A	N/A
MDA-X415456	Close frame	450	RGB, DVI, Composite, S_Video, Audio	N/A	N/A
MDAS-X4154016	Close frame	450	RGB, Audio	5-Wire R_Touch	USB
MDAS-X4154216	Close frame	450	RGB, DVI, Audio	5-Wire R_Touch	USB
MDAS-X4154516	Close frame	450	RGB, DVI, Composite, S_Video, Audio	5-Wire R_Touch	USB

Optional Touch Screen

Model Type	Size	Input Mode	Transparence	Durability
Resistive 5-Wire Touch Screen - TR5 Series	5.7" ~ 19"	Stylus or Finger	≥ 80%	Panel knock test: 35,000,000 times
Capacitive 5-Wire Touch Screen- TC5 Series	7.1" ~ 20.1"	Finger	> 90%	Panel knock test: 20,000,000 times

Optional Accessories

- AR-WM110151 - Wall mount bracket
- AR-WM450121 - Single monitor arm
- AR-DC484121 - LCD desk arm
- AR-DC715102 - LCD dual multiple monitor arm
- AR-PM507101 - Gas type LCD monitor arm
- AR-PC400101C - Clamp gas type arm