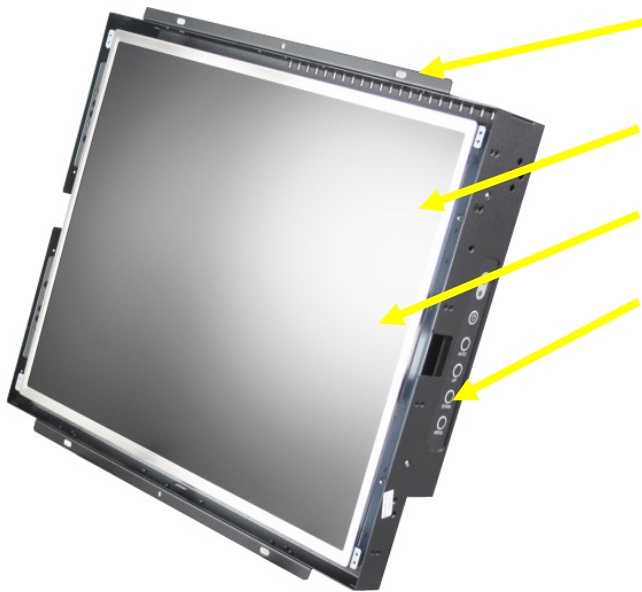# INDUSTRIAL OPEN FRAME LCD

Open Frame, 17" LCD monitor, 1280 x 1024, 300nits
VGA + HDMI + 1*AV-IN + 1*AV-Out looping or VGA
+ HDMI+ YPbPr (component) (Need to specified)
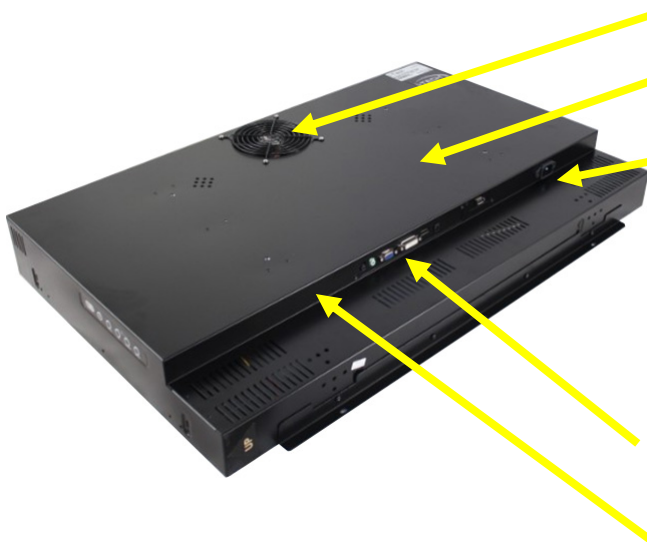**BUILT IN AC POWER**

## MODEL: EOP1700-DA008

## FEATURES HIGHLIGHTS

**Easy to Mount Open Frame, metal chassis
(top & bottom flanges flanges)**

**Optional for Resistive/ Capacitive/ SAW/ IR/ Projective
Capacitive Touch screen**

**Auto Video Signal ON / OFF
Auto Always Power On**

**Side OSD buttons can prevent unnecessary setting
changes.**

**Ultra low speed/Noise fan for extra cooling
(24" LCD or above)**

**VESA Mounting Hole Pattern**

**Reliable built-in Power supply for 15" or above
(Optional for 9-36V DC input)**

**Standard VGA Input
(Optional for DVI. HDMI, AV, BNC, AV looping and SDI)**

**Optional for RS232 Remote Control Protocol: Command
Code to set system**

# FEATURES

- Modularize mechanical design provides flexible product configuration and easy maintenance
- VGA connector with optional AV.SV.AV-Looping
- Optional ultra high brightness panel
- Available with auto-brightness sensor offers application in day and night
- Optional build-in touch screen for interactive application
- Auto Power On: Monitor is always "ON" when connect to power.
- Auto Video Signal On: Monitor (Backlight) will turn off when no video signal, but it will Auto turn back on.
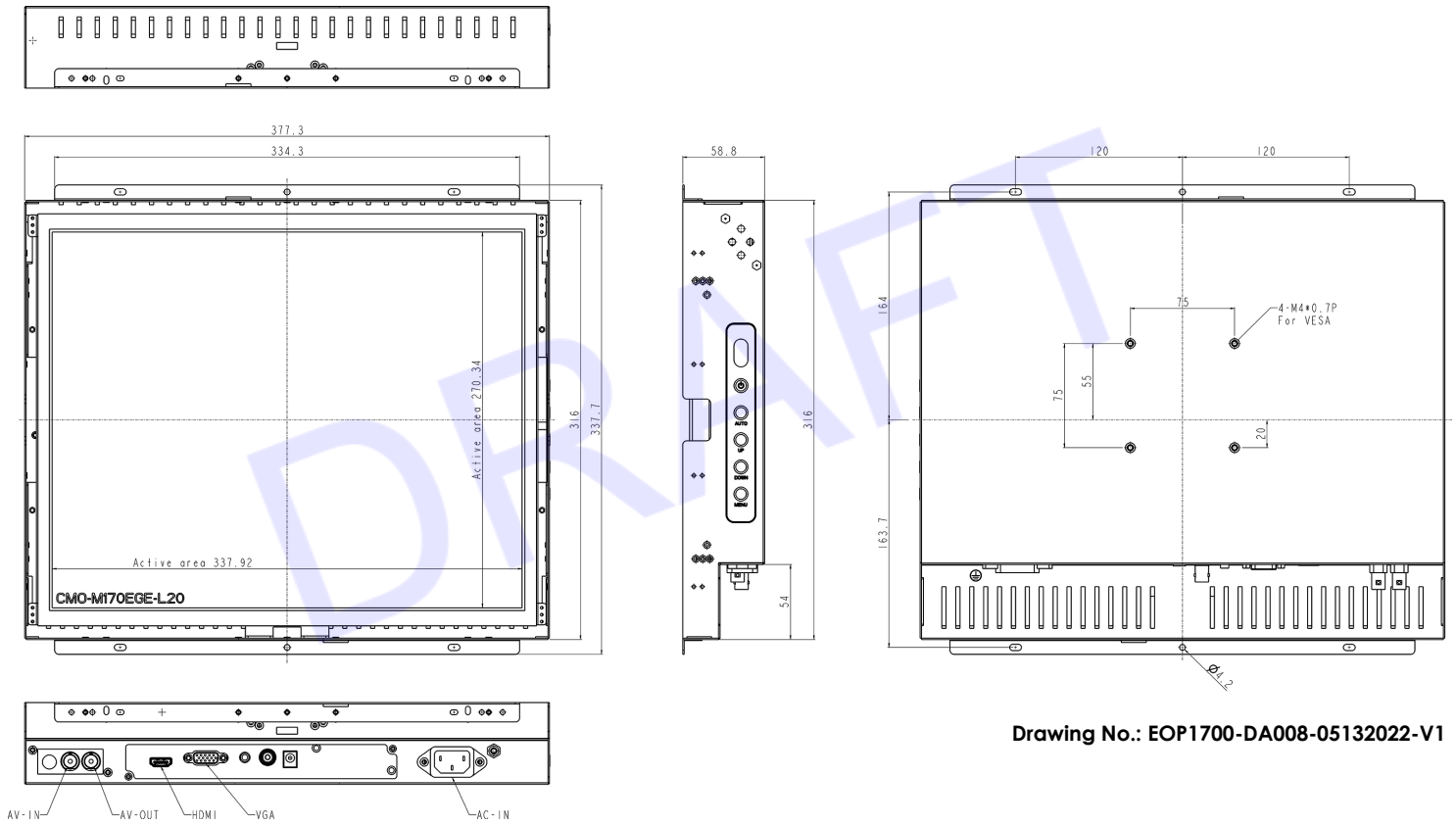
# SPECIFICATIONS

| Panel | Cell Type / Glass Surface | TFT LCD / Black Anti-Glare, low reflection coating | | |
|---|---|---|---|---|
| | Aspect Ratio / Size | 5 : 4 / 17" viewable diagonal area | | |
| | Active Area / Pixel Pitch | 337.92(H) x 270.34(V) mm / 0.264(H) x 0.264(V) mm | | |
| | Native Resolution / Colors | 1280(H) x 1024(V) / 16.7 Million | | |
| | Brightness / Contrast | 300 cd/m² (typ) / 800 :1 | | |
| | Response Time | ∧ 5 ms | | |
| | Viewing Angle (typical) | H. 160° (- 80° ~ + 80°) , V 160°(- 80° ~ + 80°) | | |
| | Light Source | CCFL , Long life, 50,000 hrs (typ) | | |
| Input Sources | PC System | Signal | Analog RGB (0.7/1.0 $V_{p.p}$, 75 ohms) | |
| | | Sync | Separate Sync, Composite Sync, Sync On Green | |
| | | Frequency | $F_h$: 30 - 82Khz , $F_v$: 50 -75Hz | |
| | Audio System | 2W Amplifier | | |
| Input Terminals | VGA + HDMI + 1*AV-IN + 1*AV-Out Looping | | | |
| Convenient Features | Auto Calibration , Back Light Adjustment, Plug&Play (VESA DDC/CI, DDC 2B) | | | |
| | OSD Multi-Languages , Wall Mount Ready (VESA 75 x 75 mm) | | | |
| Power | BUILT IN AC POWER | | | |
| Power Consumption | Operation / Power Saving | 30 watt, < 2 watt (Support DPMS) | | |
| Operating Condition | Temperature / Humidity | 0°C ~ 50°C (32°F ~ 122°F), 10% ~ 90% (no condensation) | | |
| Storage Condition | Temperature / Humidity | - 20°C ~ 60°C (- 4°F ~ 140°F), 10% ~ 90% (no condensation) | | |
| Certification | | FCC,CE | | |
| Dimensions | Physical | With Flanges(W x H x D): 377.3 x 328.0(Screw center-to-center) x 58.8 | | |
| | | Without Flanges(W x H x D): TBD | | |
| | Carton | W x H x D =  416 x425 x142 mm | | |
| Weight | N.W. / G.W. | 5.0 Kgs / 6.0 Kgs | | |
| Container Loaded | 20ft / 40ft / 40ft HQ | 1040 / 2160 / NA (Sets , By pallet) | | |

| Options | Touch | Video/TV | Enhanced Panel | Others |
|---|---|---|---|---|
| | Resistive touch | SV + AV | Panel with LED backlight | Digital Signage(Stand alone) |
| | Capacitive touch | SV + AV + AV_Looping | High brightness panel | Networking Digital Signage |
| | SAW touch | SV + AV + TV | Wide Temperature | Motion Sensor |
| | Infrared touch | | Sunlight Readable | Light Sensor |
| | Protected glass | | | Auto-Dimming |

*Specifications subject to change without notice, not responsible for typographical errors.*

# MECHANICAL DRAWING
*This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.*

377.3
334.3
316
337.7

Active area 270.34
Active area 337.92

CMO-M170EGE-L20

58.8
164
316
163.7
5.4

120
120
75
4-M4*0.7P
For VESA
75
55
20
Ø4.2

**Drawing No.: EOP1700-DA008-05132022-V1**

AV-IN — AV-OUT — HDMI — VGA — AC-IN

# LCD OPTIONS:

**LED Backlight Options**
Introducing LED backlight options for monitors for energy efficiency and a brighter screen.

**TouchScreen Options**
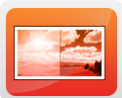Our LCD has a wide selection option to choose which touchscreen.technology suits for you.

| | Four-Wire Resistive | Five-Wire Resistive | Pen Touch | Capacitive | Surface Wave(Saw) | Infrared Touch (Ir) |
|---|---|---|---|---|---|---|
| **PRODUCT SIZE** | 1.7" - 24" | 10.4" - 24" | 15" – 19" | 12" - 24" | 10.4" - 30" | 10.4" - 42" |
| **TOUCH LIFE** | 1 – 2 million touches | 30 – 35million touches | 100 million touches | 100 million touches | 50 million touches | Long-term reliability |
| **SCRATCH RESISTANCE** | Hard Coated | Hard Coated | Hard Coated (SiO²) | Hard Coated (SiO²) | Glass Overlay Moh's hardness rating of 7 | Glass Overlay Moh's hardness rating of 7 |
| **CONTAMINANT RESISTANCE** | Resists moisture, dirt, vinegar, ammonia based food products and cleansers | Resists moisture, dirt, vinegar, ammonia based food products and cleansers | Resists moisture, dirt, vinegar, ammonia based food products and cleansers | Resists moisture, dirt, vinegar, ammonia based food products and cleansers | Resists moisture, dirt, vinegar, ammonia based food products and cleansers | Resists moisture, dirt, vinegar, ammonia based food products and cleansers |
| **INPUT METHOD** | Finger, Gloved Hand, Stylus | Finger, Gloved Hand, Stylus | Stylus Pen | Finger | Finger, Gloved Hand, Soft pliable stylus | Finger, Gloved Hand, Stylus |
| **CONTROLLER** | USB, RS232 | USB, RS232 | USB, RS232 | USB, RS232 | USB, RS232 | USB, RS232 |

**VIDEO Input Options:**

For Video inputs options:

DVI, DVI+HDMI, SVideo+AV, SVideo+AV+DVI, AV+Looping, DVI+AV+Looping, HD-SDI, BNC(PAL/NTSC)

**Optical Bonding Options**
- Optical Bonding provides the best reduction of ambient light washout of any commercially available   enhancement technology.
- Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock and other environmental extremes.

**RS-232 Remote Control Options**
**Remote Control Protocol: Command Code to set system**

**9-36V DC Input Options**
iTech offers a selection of DC input from 9V to 36V

**Light Sensor and Motion Sensor Options**
iTech LCD offers Light and Motion Sensor

**Privacy Filter**
Front Glass Options:
- Anti Reflective AR Glass 3mm
- Anti Reflective AR Glass 6mm Vandal-Resistance
- Anti Reflective AR Glass 8mm Vandal-Resistance
- Anti Glare AG Glass 3mm