



Industrial Monitors

MON Family



- 10.4" to 17.0" Display Sizes
- Clear Resistive Touchscreen
- Stainless Steel Bezel
- Resolutions from VGA to SXGA
- NEMA 4/4X/12 and CE Compliant
- Operating Temperature up to 50 C
- Powered by 24 VDC

The MON industrial monitor is designed to meet the most rugged application needs, while providing the power and performance that you expect from a high-end desktop system. Standard features include a stainless steel bezel, a clear resistive touchscreen, and an analog video input with a 1 volt peak-to-peak signal. All MON products require a 24 VDC power input.

MON products are available with 10.4", 15.0" and 17.0" displays. The displays have CCFT tubes with an average life ranging from 20,000 hours to 50,000 hours of continuous operation, depending upon the model. As well as standard CE and NEMA 4/4X/12 compliances, the MON products have been tested to IEC 68-2-27, IEC 68-2-6 and Mil-Std-8100 standards.

Each and every MON unit has been designed for and built for use in a harsh, dirty environment. Once a MON is assembled, it is subjected to 72 hours of burn-in testing at 50°C. During this period of time, the MON is having a vast array of tests applied to it to insure that it will perform as well in your factory environment as it does in ours. Only after this testing period will any MON be approved for customer use.

Environment

Operating Temperature 0 - 50° C
 Humidity 0% - 95% non-condensing
 Operating Power 24 V DC, 3 A nominal (±10%)

Touchscreen Properties

Type Clear resistive
 Resolution 4096 x 4096 matrix

15.0" Display Characteristics – MON-15X

Resolution..... 1024 x 768
 Dot Pitch..... 0.300 mm²
 Brightness (NITS) 250 cd/m²
 Backlight Life..... 50,000 hours
 Number of Colors..... 256K
 Horizontal Viewing Angle 85° Left / 85° Right
 Vertical Viewing Angle..... 85° Up / 85° Down

Physical Characteristics

Bezel Height..... 12.69"
 Bezel Width..... 15.56"
 Cutout Height 11.80"
 Cutout Width..... 14.70"
 Unit Depth..... 4.08"

10.4" Display Characteristics – MON-10/10S

Resolution..... 640 x 480 (MON-10) /800 x 600 (MON-10S)
 Dot Pitch..... 0.330 mm²
 Brightness (NITS) 200 cd/m²
 Backlight Life..... 20,000 hours
 Number of Colors..... 256K
 Horizontal Viewing Angle 70° Left / 70° Right
 Vertical Viewing Angle..... 45° Up / 50° Down

Physical Characteristics

Bezel Height..... 10.06"
 Bezel Width..... 11.81"
 Cutout Height 9.20"
 Cutout Width..... 10.93"
 Unit Depth..... 3.71"

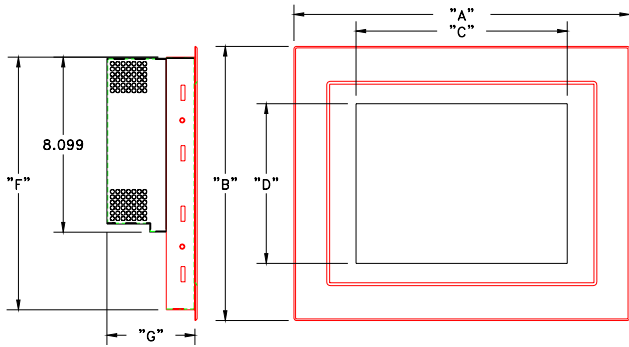
17.0" Display Characteristics – MON-17SX

Resolution	1280 x 1024
Dot Pitch	0.300 mm ²
Brightness (NITS).....	280 cd/m ²
Backlight Life	50,000 hours
Number of Colors	16.7M
Horizontal Viewing Angle.....	89° Left / 89° Right
Vertical Viewing Angle	89° Up / 89° Down

Physical Characteristics

Bezel Height.....	16.19"
Bezel Width	18.46"
Cutout Height.....	15.30"
Cutout Width.....	17.60"
Unit Depth.....	4.10"

Frontal and Side View Drawings



Display Size	A	B	C	D	F	G
10.4	11.81	10.06	8.60	6.57	9.06	3.71
15.0	15.56	12.69	12.26	9.19	11.69	4.08
17.0	18.46	16.19	13.30	10.64	15.19	4.10

MON Ordering Information

Description	Part Number
10.4" MON with VGA Resolution.....	MON-10
10.4" MON with SVGA Resolution.....	MON-10S
15.0" MON with XGA Resolution.....	MON-15X
17.0" MON with SXGA Resolution.....	MON-17SX

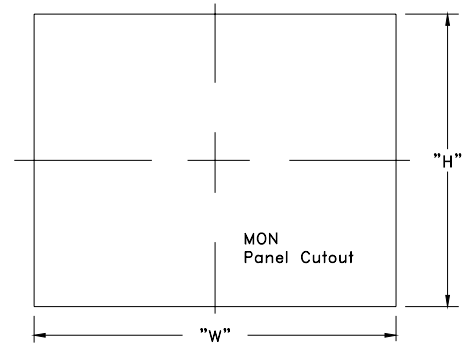
For example, a 15.0" Monitor would be ordered as:

- MON-15X

Warranty

All products are warranted for one year from date of shipment against defects in material and workmanship.

Cutout Drawing



Display Size	W	H
10.4	10.93	9.20
15.0	14.70	11.80
17.0	17.60	15.30

Specifications subject to change without notice



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