

Features:

- Stable stainless steel back cover with Powder Coated, Stainless Steel, or 19" Front Bezel
- Analogue resistive Touch optional
- Some monitors are also available with capacitive or SAW Touch
- IP 65 front plate with normal or anti glare Protective Glass
- Built using components made by large, world wide known companies for continuous support
- Customized solutions possible
- High Specifications at Low Costs
- Long Availability



19" TFT Monitor with Stainless Steel Front Bezel

UTICOR uses for their monitors Displays from world wide known Companies, so we can be sure that the display we are currently using has the same specifications like Contrast, Brightness and Viewing Angle as the display we were using six months ago or will be using in 3 months.

On this basis, Uticor offers monitors from 8,4" up to 22" Diagonal. All monitors with a Diagonal less than 15" are also available with a higher

resolution (1024 x 768 Pixel). All monitors offer VGA and DVI Interface. The 15", 17", 19" and 22" monitors are also available with S-Video and Composite Video Inputs.

All monitors can be supplied with an analogue resistive Touch Screen.

The touch controller offers either a RS 232 or USB Interface for communications.

Some monitors can be supplied with a capacitive or SAW (Surface Acoustic Wave) Touch.

In cases the monitor is supplied without a touch screen, the Display is protected with a glass cover with normal, chemical or optical anti glare glass.

The Front Bezel can be either Powder Coated, Stainless Steel or 19" Rack Mount.

It is also possible to obtain customised Front plates and monitors which are mounted in a housing. Furthermore the 15" Monitor is available in a compact housing for VESA Mount applications.

TFT Industrial Monitors



15" TFT Monitor, VESA - Mount,
Colour RAL 9010



12,1" TFT Monitor with powder coated Front
Bezel, Colour RAL 9005 (black)



15" TFT Monitor with 19" Front Plate
Colour RAL 9006



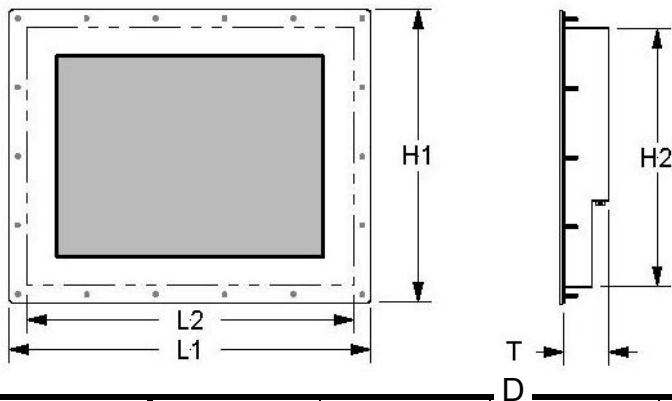
15" TFT Monitor as „Open-Frame“
Version



Back Cover of the 17" TFT Monitor

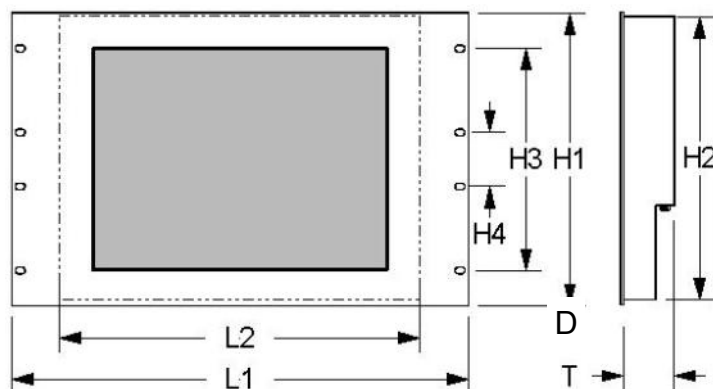
Mechanical Dimensions

Monitors with powder coated or Stainless Steel Front Bezel



Monitor-Type	L1	L2	H1	H2	D	thickness front plate	Cut-Out Dimensions
8,4" TFT	252	222	208	178	50	3	224 x 180
10" TFT	286	256	235	205	50	3	258 x 207
12" TFT	348	314	280	246	45 / 55	3	316 x 248
15" TFT	420	382	340	302	60	3	384 x 304
17" TFT	455	417	380	342	60	3	419 x 344
19" TFT	476	438	410	362	70	3	440 x 364
22" TFT	570	532	392	354	70	3	535 x 357

Monitors with 19" Front Plate



Monitor-Type	HE	L1	L2	H1	H2	H3	H4	D	thickness front plate
12" TFT	6 HE	482,6	314	265,9	246	190,5	76,2	45 / 55	3
15" TFT	7 HE	482,6	382	310,2	302	235	57,4	60	3
17" TFT	8 HE	482,6	417	354,8	342	279,4	76,2	60	3
19" TFT	9 HE	482,6	438	399,2	362	323,8	120,6	70	3

All Dimensions in mm, subject to technical changes

TFT

Industrial Monitors



Specifications										
LCD - Type	8,4" TFT		10,4" TFT		12,1" TFT		15" TFT	17" TFT	19" TFT	22" TFT
Resolution (Pixel)	800 x 600	1024 x 768	800 x 600	1024 x 768	800 x 600	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1680 x 1050
Active Area (mm)	170,4 x 127,8	171,3 x 128,5	211,2 x 158,4	210,4 x 157,8	246,0 x 184,5	245,8 x 184,3	304,1 x 228,1	337,9 x 270,3	376,3 x 301,1	473,76 x 296,1
Pixel Pitch (mm)	0,213 x 0,213	0,167 x 0,167	0,264 x 0,264	0,205 x 0,205	0,3075 x 0,3075	0,240 x 0,240	0,297 x 0,297	0,264 x 0,264	0,294 x 0,294	0,282 x 0,282
Brightness (cd / m ²)	600	300	250	400	400	450	430	300	300	300
Contrast	600 : 1	400 : 1	400 : 1	1200 : 1	500 : 1	700 : 1	400 : 1	800 : 1	1300 : 1	2000 : 1
Response TR/TF (msec)	7 / 18	6 / 19	6 / 19	15 / 10	10 / 15	13 / 12	5 / 20	1,5 / 3,5	15 / 5	15 / 5
Colours	262144	16,2 Mio	262144	16,2 Mio	262144	262144	16,2 Mio	16,2 Mio	16,7 Mio	16,7 Mio
View Angle Horizontal r/l Vertical t/b	75°/75° 65°/55°	65°/65° 50°/60°	65°/65° 55°/55°	88°/88° 88°/88°	65°/65° 50°/60°	80°/80° 80°/50°	70°/70° 55°/60°	80°/80° 80°/80°	89°/89° 89°/89°	89°/89° 89°/89°
Life Time Back Lights (Half Life)	25.000 Hours	50.000 Hours	25.000 Hours	50.000 Hours	50.000 Hours	50.000 Hours	35.000 Hours	50.000 Hours	50.000 Hours	50.000 Hours
Touch (Optional)	Analogue resistive, capacitive or SAW (Surface Acoustic Wave) Touch with RS 232 or USB Interface									
VGA Inter- face	SVGA	XGA	SVGA	XGA	SVGA	XGA	XGA	SXGA	SXGA	WSXGA
DVI Interface	Standard		Standard		Standard		Optional	Standard		
S-Video and Comp. Video	—	—	—	—	—	—	Optional	Optional	Optional	Optional
OSD - Menue	Yes									
Supply Voltage	12 VDC / 100-240 VAC Ext.		12 VDC / 24 VDC / 100-240 VAC Ext.		12 VDC / 24 VDC / 100-240 VAC Ext.		12 VDC / 24 VDC / 100-240 VAC ext. or int.			24 VDC 100-240 VAC int.
Power	15 W	15 W	15 W	15 W	25 W	25 W	30 W	40 W	70 W	70 W
Operating Temperature	-10 to 70 °C	- 20 to 70 °C	0 to 50 °C	- 10 to 60 °C	0 to 60 °C	-30 to 70 °C	0 to 50 °C			
Storage Temperature	- 20 to 80 °C	- 20 to 80 °C	-20 to 60 °C	- 20 to 70 °C	-25 to 70 °C	- 40 to 80 °C	-20 to 60 °C			
Front Bezel	Black powder coated Front Bezel with mounting studs Stainless Steel Front Bezel with mounting studs 19" Front Plate, Colour RAL 9006 Customized Solutions possible									
Protection	Front IP 65 / Back IP 20									
VESA - Mounting	—	—	—	—	—	—	optional	—	—	—
Weight	2,5 KG	2,5 KG	3,0 KG	3,0 KG	4,5 KG	4,5 KG	6,0 KG	7,5 KG	9,0 KG	10,0 KG

Subject to technical changes