

## 19" Centric Series Display

### Electrical Description

#### Display Characteristics:

Type: 19" Active Matrix TFT  
Dot Number: 1280 X 1024 Pixels  
Dot Pitch: 0.24mm  
Response Time: 20ms Average- Typical  
Contrast Ratio: 700:1 Min.  
Brightness / Light Intensity: 250 cd/m<sup>2</sup> (Nits)- Typical  
Viewing Angles (at CR>10): +/- 75°  
Backlight Life: 50,000 Hours- Typical  
Colour Depth: 16.7 Million (Depending on Graphics Card)

#### Dimming Range:

0-100% (Ratio:1000:1)

#### DVI-I Input:

Analog Interface: 330 MHz Max. Analog Bandwidth  
0.5V to 1.0V Analog Input Range  
Sync-on-Green (-ve) 0.3V

Digital Interface: DVI 1.0 Compatible Interface  
108 MHz Operation

#### Synchronisation Range:

Horizontal Scan: 31 - 80 kHz\*  
Vertical Scan: 56 - 85 Hz\*  
*\*Depending on resolution*

#### Resolutions:

VESA Support for: 1280 X1024 SXGA\*  
1024 x 768 XGA  
800 x 600 SVGA  
640 x 480 VGA

*\*Recommended for optimised resolution...*

#### Active Display Area:

Active Display Area: 376.3 H mm x 301.5 W mm

#### Composite Video Input:

PAL& NTSC with 'Picture In Picture'  
Facility

#### Input Voltage:

DC Input: 115/240V AC, 24V DC

#### Power Consumption:

55 W (AC), 45 W (DC)

#### Environmental:

\*Operating Temp: -15 to +55°C (IEC 60945)  
Storage Temp: -25 to +70°C  
Operating Humidity: 30% to 90% (Non-Condensing)  
Storage Humidity: 10% to 90% (Non-Condensing)  
Shock: 10g, 11msec ½ Sine Wave  
Vibration: +/-1mm, 2 to 13Hz: 0.7g 13 to 100 Hz

*\*We DO NOT recommend routine operation @ extreme temperatures...*

### Mechanical Description

#### Construction:

Finish: Grey RAL 7015 Front, RAL 7016 Rear  
Housing: Aluminium  
Sealing: IP 66 and IP67 mounted in console, with optional sealing kit (gasket and grease)  
Toughened Safety Glass : Conturan (standard) Hardened, Laminated, Anti Glare Coated, all flush mounted  
Ventilation: Through rear case

#### Mounting Style:

Surface (std)/ Bracket (Optional) Via 4 direct through chassis bolts/  
Optional bracket mount with turntable (IEC 60945)  
Panel Cut-Out Size (mm): (438) W x (385) H

#### Dimensions:

Display (mm): (470) W x  
(417) H x  
(70) D

#### Weight:

Weight (display only) : 10.9 kg  
Weight (display with Bracket): 14 kg

#### Input Connectors:

RGB Signal: 15 Pin Female Connector  
DVI Signal: DVI-D Female Connector  
Composite Signal: RCA Female Jack  
AC Power: IEC Inlet  
DC Power: Screw Terminal

#### Menu Controls:

Via Front Mounted Buttons: Power, Brightness, Menu, Set, +, -, & Lock with dimmable backlight

### Approvals / Warranty

**Compliance:** IEC 60945, IEC 60529 (IP), MIL-STD-810F, MIL-STD-901D (Hammer Test), IACS E10 (ABS, BV, CCS, GL,KR, LR, NK, RINA, RS)

\*Approved by BSH, Other certificates where demand justifies  
**Limited Warranty:** 2 Year

### Ordering Codes

#### Standard Configuration:

19" Centric Display: 23-1910

#### Options:

Adjustable Universal Bracket (IEC 60945 approved with and without Turntable) 25-19US  
Turntable for Bracket 25-19T  
Sunshade 25-19SS

#### Shipping Details:

Carton Size (cm): TBD  
Weight (kg): TBD

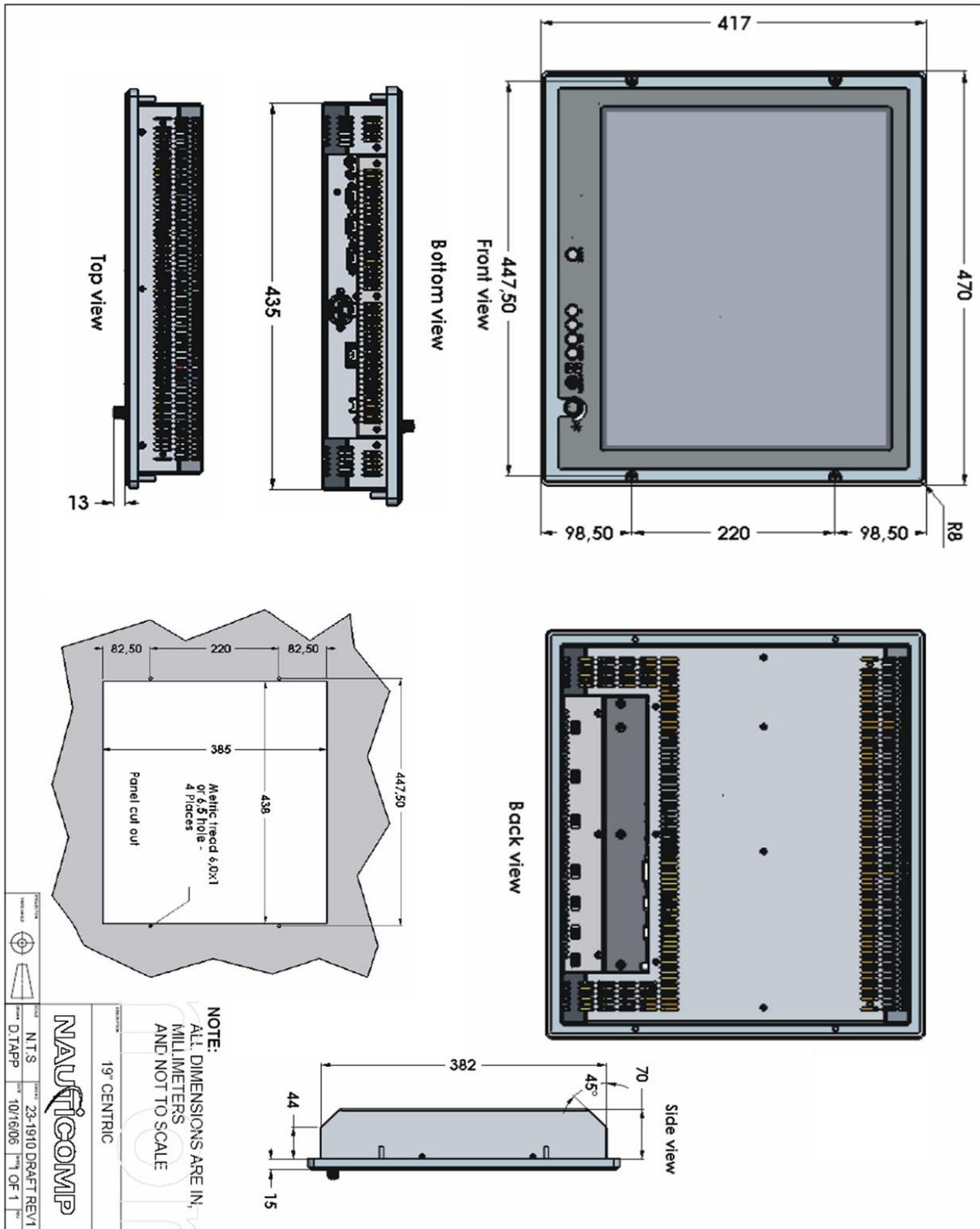
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## Mechanical Specifications—Display



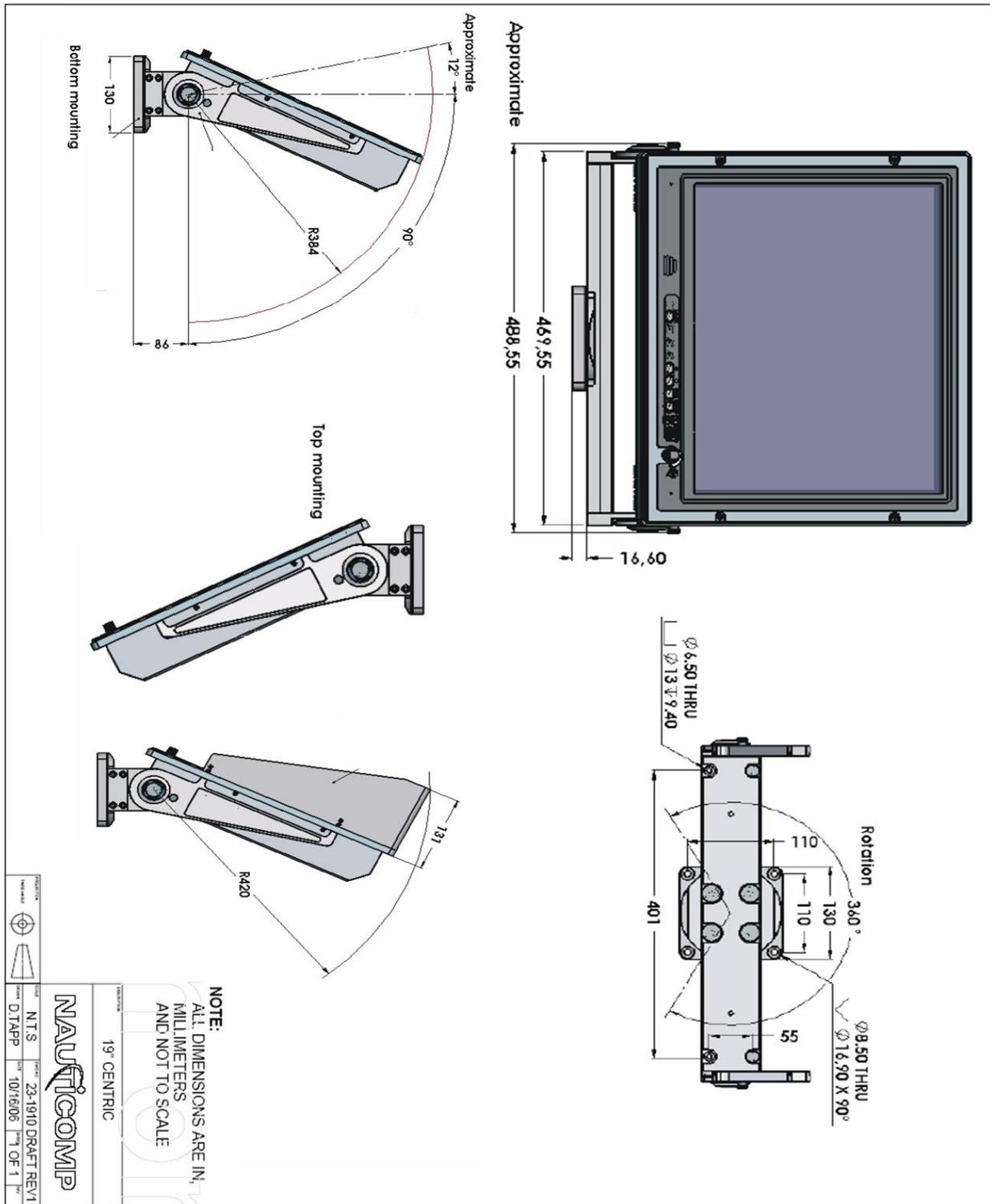
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## Mechanical Specifications—Options



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