

INDUSTRIAL SOLUTIONS



CONRAC 6040 AD FHD

40" LCD/TFT High Definition Automotive Display
In 16:9 format

The large screen full colour LCT/TFT monitor CONRAC 6040 AD has been specially designed for the display of tactical situation reports.

An entirely new generation of large screen monitors: Using a superior HD (High Definition) panel the 6040 AD FHD allows to display even more detailed information on a single screen. Especially for applications involving electronic charts, the combination of the HD resolution and the "wide ECDIS" mode is the ideal solution.

CONRAC GmbH stands for High Performance Displays for specific applications. Own R&D, production and service at the German headquarter guarantee the highest quality standards.

The use of high grade industrial components, modular construction, robust aluminium housing and special laminated safety glass panel with high efficiency anti-glare treatment make the displays the perfect choice for 24h operation in demanding applications.

FEATURES

Robust aluminium cabinet

Suitable for use in mobile applications

Laminated safety glass with high efficiency anti-glare treatment

Superior legibility and safety

Different models with or without integrated graphic engine board

Highly flexible use in various systems: available for connection to standard PC systems or with integrated GEB for networked systems (allowing control and monitoring of key display functions from a central server in the network)

High quality direct digital interface & gamma correction circuitry

Superior picture performance without jitter, phase- or scaling errors. True colour display of graphics and video

Designed for reliable operation in landscape and portrait mode applications

Best possible adaptation to local display needs

Remote control (OSD)

For wireless control of display functions

Modular design

Guarantees high overall system availability and easy maintenance

Conrac electronics and design

In-house R&D ensures long term availability

DISPLAY

Size/diagonal:	40" – 102cm, 16:9 format
Active screen dimensions:	885mm (horizontal) x 498mm (vertical)
Resolution:	Max. 1920 x 1080 pixels
Colour performance:	16.7 Mio colour simultaneously (full colour)
Viewing angle:	178° @ CR10 typical
Contrast Ratio:	1.000:1 typical
Brightness (max.):	500 cd/m ² typical
Safety/contrast enhancement panel:	anti-glare, 85% light transmission typical
Horizontal frequency:	30 – 80kHz
Vertical frequency:	50 – 85Hz
Pixelclock:	140MHz typical
Display resolutions:	640 x 400, 720 x 400, 640 x 480, 800 x 600, 832 x 624, 1024 x 768, 1280 x 768, 1280 x 1024, 1366 x 768, 1600 x 1200, 1920 x 1080

CONTROLS / CONNECTORS

User controls:	Mains switch																				
Control of display functions:	Via IR remote control, on-screen display RS 232																				
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ENVIRONMENTAL CONDITIONS

Temperature:	0°C - +40°C (operating), -20°C - +60°C (non-operating)
Humidity:	10% - 90% (non-condensing)

POWER

Power supply:	220V – 240V AC, 50 / 60Hz ± 10%
Power consumption:	270W typical

APPROVALS

EMI/EMC:	EN55022 class A, EN55024, EN61000-2-2/-3
Safety:	EN60950, CE

SUPPLIED ACCESSORIES

IR remote control
Wall mount bracket
AC power cord 2.5m
Operating Manual (English)

STANDARD CABINET COLOUR

Standard colour cabinet:	RAL 9006 (white aluminium), non-structured
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VERSIONS

IP20 protected version

H x W x D: 630mm x 975mm x 150.7mm
 Weight: 38kg ± 10% (incl. wall mount bracket)



OEM versions

Customized versions available on request.

OPTIONS*

*Please note: Not all options may be combined.

DC power supply
 Integrated PC / GEB (Graphic Engine Board)

Technical specification subject to change without prior notice. GM 660.0085, is_6040adFHD_rev02

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