



## CONRAC 6028 ID - PRELIMINARY 28" LCD/TFT ATC Display

CONRAC's 6028 ID high resolution multi frequency industrial LCD/TFT-display is supplied in an attractive metal housing, as a cabinet or chassis-only version.

The use of high grade industrial components, modular construction, and robust aluminium casing make the displays the perfect choice for 24 hour operation in demanding applications.

### FEATURES

**High resolution: 2K x 2K**

Resolution format of 2048 x 2048 ideally suited for Air Traffic Control applications

**Special controller**

Flexible solutions: 2 x dual link DVI-D and VGA

**Robust aluminium housing**

Specially designed for air traffic control

**High contrast and flicker-free image**

Reduced eye strain

**Special backlight control**

Allows compensation for loss of backlight brightness (active decay compensation)

**New remote control concept**

Via RS232, RS422 or IR-remote control

**DISPLAY**

Panel type:	Full color active matrix TFT
Size / Active screen dimensions:	28.0" – 503mm (horizontal) x 503 mm (vertical)
Resolution:	2048 x 2048 pixel (2Kx 2K)
Horizontal frequency:	30 – 150 kHz
Vertical frequency:	50 – 100 Hz
Pixelclock:	Up to 380 MHz
Brightness (typical):	225 cd/m <sup>2</sup>
Contrast ratio (typical):	450:1
Number of colors:	16.7 Million colors
Viewing angle:	±85° horizontal and vertical
Backlight:	Cold cathode fluorescent lamp (CCFL)
Lamp life time:	50,000 hours @ 25°C ambient temperature, continuous operation

**SIGNAL INPUT / CONNECTORS / SYNCRONIZATION**

PC signal input:	PC analog / PC digital
Connectors:	5x BNC                      2x DVI 1.0 (dual link)
Synchronization:	Separate H- and V-sync

**CONTROLS**

Keypad and on screen menu
RS 232

**ENVIRONMENTAL CONDITIONS**

Temperature (operating):	0°C - +40°C
Temperature (non-operating):	-20°C - +60°C

**POWER**

Power supply:	100V to 240V AC, automatic selection
Power consumption:	200W

**APPROVALS**

Safety:	EN60950, CE
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**SUPPLIED ACCESSORIES**

AC power cord 2.5m
Operating Manual

**STANDARD COLOR**

TBD
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**VERSIONS**

**6028 ID Cabinet version**

Ultra slim design housing.  
Supplied with bracket for desktop operation.

H x W x D: 695mm x 671mm x 240mm (incl. bracket)  
(27.4in x 26.4in x 9.5in)



**6028 ID Naked version**

Ultra slim chassis-only version with internal power supply.  
Optionally available with IR remote control.

H x W x D: 613mm x 616mm x 130mm  
(24.2in x 24.3in x 5.2in)



**OEM versions**

Customized versions available on request.

**OPTIONS\***

IR remote control

\*Please note: Not all options may be combined.

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