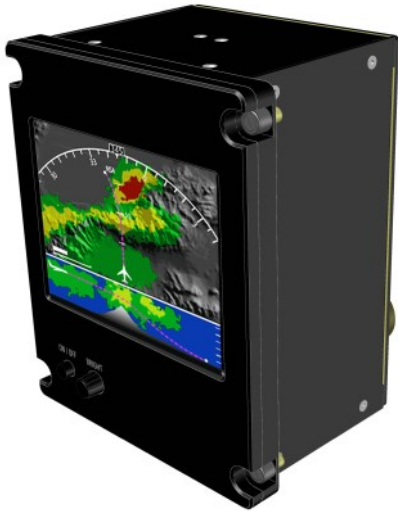


PANEL PC 5,7"

COMPACT RUGGED PANEL PC



PANEL PC 5.7" is an ultra compact panel designed for helicopters and aircraft applications. It is ideal for display and processing of flight test data.

It houses a powerful and low consumption processor for « fanless » design.

PANEL PC 5.7" runs with traditional operating systems as Windows 7 pro, 7 Embedded, Linux Ubuntu 12.04 (other distribution on demand).

PANEL PC 5.7" is compatible with night applications and NVG (Night Vision Google) binoculars.

Conforms to standard NF L65-211 and NF L65-212, **PANEL PC 5.7"** can fit in aircraft standard locations BNAE.

- ◆ Compact Rugged embedded Panel PC
- ◆ INTEL ATOM E640T 1.0GHz
- ◆ AMI Aptio UEFI
- ◆ 1 Intel GbE + 1 USB 2.
- ◆ Extension PC104 slot for applications with I/O connectors
- ◆ 5.7" screen, 640x480 pixels
- ◆ 38999 Rugged connectors
- ◆ Low Consumption (30W max.)
- ◆ Compliant with NF L65-211 and NF L65-212 standards
- ◆ Compliant to standard GAM EG13 and DO 160

APPLICATIONS

- Aircraft
- Helicopters

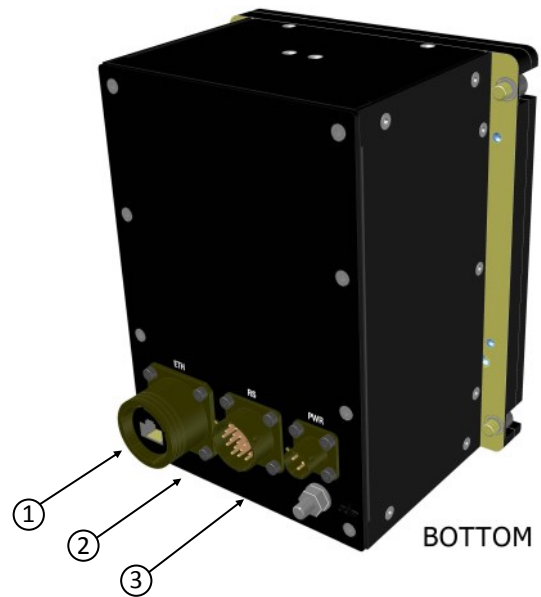
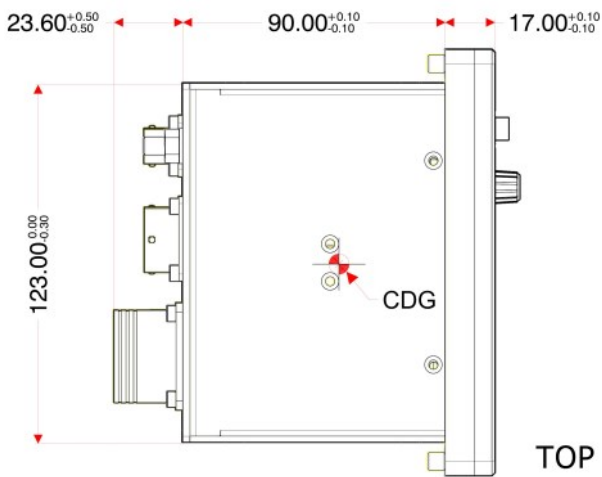
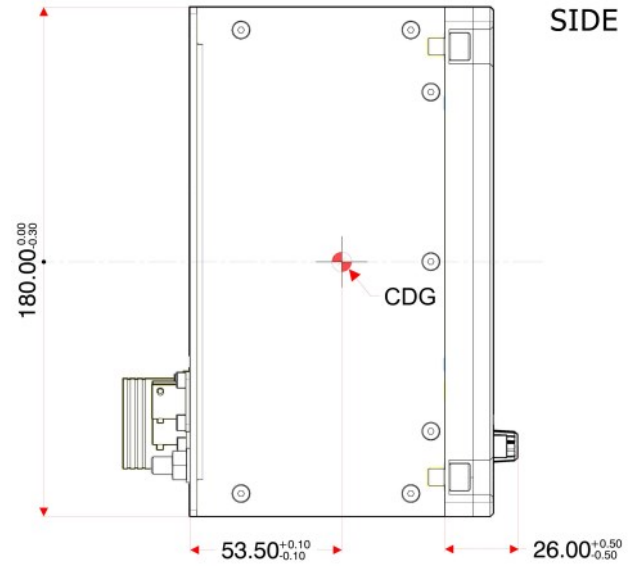
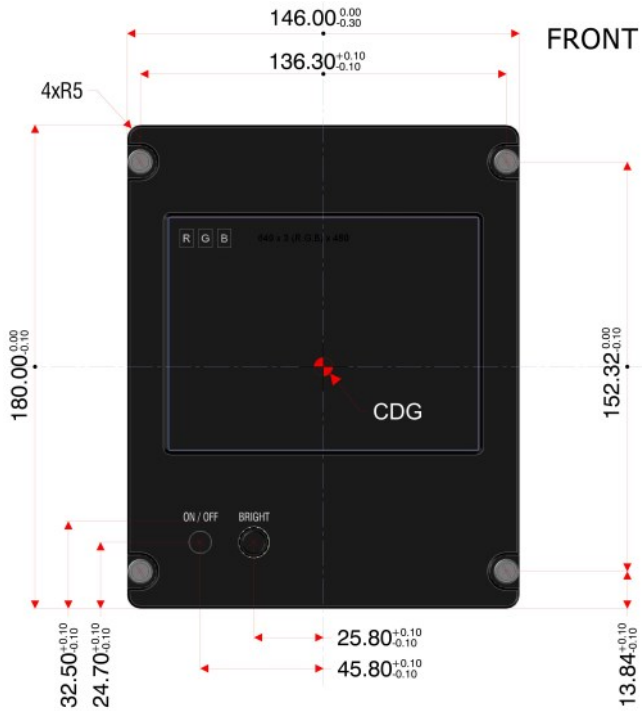
SPECIFICATIONS*

General	
Enclosure	Aluminium
Processor	INTEL ATOM E640T 1.0GHz
BIOS	AMI Aptio UEFI
Memory	2GB on board DDR2
Hard disk drive	2 Go (Flash), up to 32 Go (on request)
Extension slot	1 slot PC104+
Ethernet	MICREL Gbit Ethernet PhY KSZ9021RN
USB	Compatible 2.0 (500 mA)
Touch solution	4 wires resistive touch screen (driver installed)
External dimensions	146 mm (w) x 180 mm (h) x 112 (d)
Fixations spacing dimensions	136.3 mm (w) x 152.3 mm (h)
Fixations	4 x DZUS (NF-265-211A standard)
Weight	3,0 kg (6.61 Lbs)
Battery	Lithium 3V / 48 mAh
Power supply (DC)	12 Vdc – 36 Vdc, 30 W max
Power protection	Reverse polarity for DC voltage. Over voltage and over current Spikes
Operating systems	Windows 7 pro, 7 Embedded, Linux Ubuntu 12.04 (other distribution on demand).

Display	
Type	LCD touch screen display
Screen size (Diagonal)	142.5 mm (5.7")
Active Area	115.2 (H) x 86.4 mm (V)
Resolution	640 (H) x 480 (V)
Luminance	800 cd / m ²
Contrast ratio	400: 1 (Typical)
Support color	262 K colors
Viewing angle	80° (Up), 80° (Down), 80° (Right), 80° (Left)
backlight life	40 000 hours
Connectors	
Power supply (DC)	HE851-02E83AP50
Ethernet	RJF TV21
User and USB	HE851-02E1419P50
Environment	
Operating temperature	-20°C - +70°C (Fanless)
Storage temperature	-30°C - +85°C
Electrical	Standard AIR 2021D
CEM	Standard DO160 sections 15, 18, 19, 20, 21 and 22
Climatic and pressure	Standard AIR 7304 sections 4 and 5
Vibration	GAM EG13 section 41 and 42
Shock	GAM EG13 section 43
Linear acceleration	GAM EG13 section 45
Humidity (storage)	95% -non-condensing
RoHS	RoHS2
Standards	
Dimensions and Mounting principle	NF L65-211 and NF L65-212
ACCESSORIES	
Plug set	
Power supply (DC)	HE851-06EC83AS50
Ethernet RJ45	RJF TV6
User and USB	HE851-06EC1419S50
Transport case	
	Robust water resistant polypropylene case, with pressure equalization valve

**Specifications given for 25°C*

INTEGRATION



REMOTE CONNECTIONS

- Example:
1. Ethernet
 2. User or USB
 3. Power supply

ORDERING INFORMATION

PANEL-PC-5.7/DC	Compact rugged panel PC 5.7", with DC power supply
PANEL-PC-5.7-DC/PLUG	Plug set for DC power supply
SC-SMALL-TR-CASE	Transport case