


BOARD: General Characteristics

- The amount of board dislocation from the central unit can vary from 5 up to 40 meters. The boards (that are dislocated to 40 meters) need an independent 24 Vdc voltage.
- The screen are TFT colour panels and the dimensions are: 5,7 / 6,4 / 12 / 15 inches. The own typical resolutions are: QVGA / VGA / SVGA / XGA. The own networking interfaces with central unit: LVDS/LVDS/LVDS/VGA. Handled devices are equipped with TFT screen of 3,5”.
- The economic solution forces the choice of little screens and standard keyboard and mouse.
- The Touch screens are resistive type 5 wires and the interfaces with central unit are realized by USB.
- Thank to the Touch Screen function and to the ‘virtual Keyboard’ (OPVIRKEYB0) it is possible to do without a physical keyboard.
- All boards, the exception of standard keyboards and mouse, have a degree of protection IP65 towards the operator.
- The panel with machine commands can be realized in function to the application needs. The panel with commands can be connected only to the CNC with CANopen port.
- The boards are connected to the central unit with various kinds of cable, among which: Coaxial VGA cable or LVDS cable for the screen, USB cable for keyboard and accessories, CANopen cable for machine commands. For further information about cables for the connection of central unit with boards and peripherals see the accessories section.

General technical characteristics

- The degree of protection of frontal panel of board is IP65. For remote models the degree of protection of rear board case is IP20.
- The working temperature is 0 +45 centigrade degree.
- The storing temperature is -20 +70 centigrade degrees
- The maximum degree of damp is 90% with no condensation.
- All CNC Boards and Keyboards are prepared for the fixing to the panel (The boring template in available on documentation).

<p>ISAC S.r.l. CAPITALE SOCIALE 100.000,00 € C.F. e P.I. 01252870504</p>	<p>VIALE CAMPANIA, 61 – ANG. VIA ETRURIA, 36 56021 CASCINA (PI) ITALY</p>	<p>TEL 050 711131 FAX 050 711472</p>	<p>WWW.ISACSRL.IT ISACSRL@ISACSRL.IT</p>	<p>Azienda con sistema di qualità certificato UNI EN ISO 9001:200</p> 
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