

An image intensifier needs a power supply and a controller to work. When integrated into a system, the controller needs to provide all controls that must also be easily visible and accessible.

This is exactly the purpose of BIX-CTR DL unit. This unit is the driving unit of our BIX Image intensifier series.

The DL version proposed hereafter is including a built in 10" TFT monitor for the raw image monitoring before the optional image processing monitor itself.

Although this unit may be compatible with other brands, it is supposed to be connected to a Baltoscope BIX series from BALTEAU.



Compact and industrial

The front face is made out of brushed stainless steel for harsh environment. The front TFT 10" screen is protected by a resistant Plexiglas layer that can be changed. The back side of the casing is open to remove easier heat from the box in hot environment or closed bays. Connectors are DB25, Cinch and VGA providing flexibility for different interfaces.

This unit is to be integrated into a closed cubicle.

Available settings

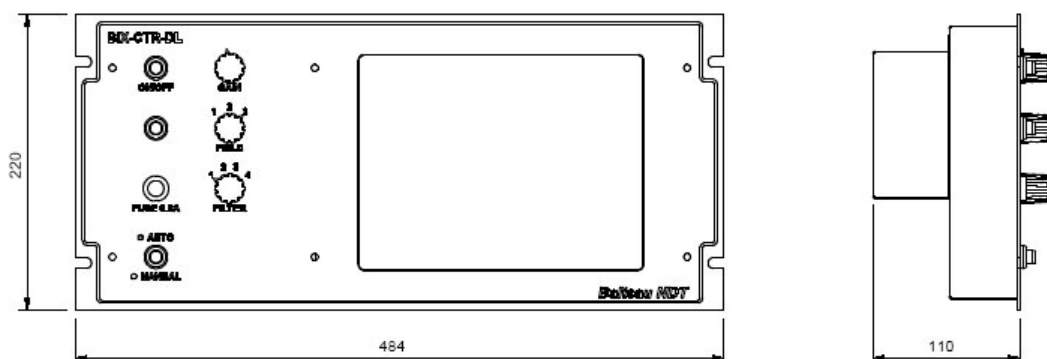
This unit delivers the necessary voltage to the Image intensifier and also provides the user with signal setting.

Gain, Magnification, Filters settings are controlled by rotating knobs. Results of this can be directly seen on the TFT screen attached.

Integrated screen

The integrated TFT screen is directly connected to the output of the image intensifier reducing the risk of burning your image intensifier by mistake. Indeed, when an external monitor or the image processing system are not turned on, if radiation is in excess at the input of the image intensifier, it will not be visible to the user. Therefore, some irremediable damages can occur. The TFT built in screen is powered by the main power supply of the Controller, therefore, it cannot be switched off and if the radiation is in excess, it will be immediately be visible

Specifications

| Mechanical |
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| Characteristics |
| 220 V - 2 A |
| Settings |
| Gain with Auto/Man mode - Filter (Integration) up to 4 frame addition, rollover display - Zoom, 1 to 3 (with tri field BIX image intensifier type) |
| Optional accessories |
| Back cover for table mount – BIX223CT-00 (BIX image intensifier) |

Producer

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Distributor

All specifications are non contractual and are subject to change without prior notice