



“DiNIS”™ HUD

Diver Heads Up Display



SYSTEM AND SPECIFICATIONS

DESCRIPTION

DiNIS™ HUD is an underwater Heads Up Display (HUD) which brings video imagery to a mask mounted monocular display.

Originally built to provide black water visibility of the Kenautics **DiNIS™** diver hand held navigation and imaging system, the **DiNIS™ HUD** can be adapted to almost any subsea connector in order to adapt to any source of video. Adapters are available for HDMI or VGA/SVGA inputs,

DiNIS™ HUD is rated up to 100 meters of depth and mounts easily onto both the Interspiro “Divator” and the OTS “Guardian” full face dive masks. The mount allows for adjustment to suit the diver’s field of vision allowing rotation in multiple axes and vertical adjustment using the simple rail and slide system attached to the mask.

The **DiNIS™ HUD** includes a see-through window thereby allowing the diver to view both the video imagery and the world beyond. The adjustability of the mount assures the diver can position the **DiNIS™ HUD** such that it does not impede visibility, or can position the **DiNIS™ HUD** immediately in front of the eye when diving in complete black water conditions.

Specifications herein are based on original manufacturer values and are subject to change without notice.

Resolution

- 852(x3) x600 pixels
- Formats:
 - 1.42 Aspect Ratio
- Input types::
 - HDMI, 1080p or 720p;
 - VGA/SVGA (VESA VSIS); 85Hz
 - Monochrome: PAL & SMTPE; 30 Hz

Mechanical/Electrical

Cable Length

Standard: 6 feet; May be customized

Standard Connector:

SubConn MCIL10M 10-pin male
Optional connectors available upon request

Display area::

Display size : 12.79 x 9mm
View Window 1.4" x 1.4"

Weight

In Air: 0.81 lb. (1.15 lb with cable)
In Water: 0.22 lb.

Electrical

Power consumption: 48 mW
Powered by 5V HDMI or USB

Color Contrast

Color: 300:1
White: 300:1
Green: 100:1

Controls

- 3-Button Control to adjust:
- Brightness
 - Color (R-G-B)
 - Contrast
 - Resolution
 - Left eye/Right eye (Flip Image)



Mounting Hardware



HUD 3-Button Controls

CONTACT

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