

# Ikegami

## High-End HDTV 6-inch LCD Color Monitor **HTLM-600D**



Once again Ikegami has an exciting monitor for all broadcasters. The HTLM-600D is a 6-inch High-End HDTV monitor with TFT LCD display. Incorporating our HDTV and Display technology, it provides quality pictures with HDTV operation.

Moreover it is suitable for field or mobile applications, such as HDTV shooting and local VTR operation. It can be mounted in a 19-inch rack mount with a two-monitor configuration for studio applications.



### ■ Features

#### ■ LCD

Employs LCD with HDTV pixels of high resolution, this broadcast quality monitor provides you with the perfect HDTV picture.

The number of active pixels is 960 (H) × 540 (V) in RGB, and the resolution is 750 TV lines.

#### ■ Small and Light Weight Body

Weigh less than 1.75kgs (3.86lbs), provides mobility for outside shooting.

#### ■ HDTV Various Signal Formats

1080/60i, 1080/59.94i, 1080/50i and 1080/24PsF.

#### ■ HD-SDI Inputs available

HD-SDI 2 inputs and 1 output and also analog YP<sub>B</sub>P<sub>R</sub>/RGB (1 input) are available.

#### ■ Full Color Display (16.7M colors)

#### ■ Marker Function

A shadow function is available as well as Nine markers can be displayed.

- 4:3, 13:9, 14:9, 15:9 area marker
- 4:3, 13:9, 14:9, 15:9, 16:9 area marker + center marker

#### ■ Equipped with R and G tally display

#### ■ Remote Operation

A/B select (HD-SDI input), R Tally, G Tally, Marker On/Off, YP<sub>B</sub>P<sub>R</sub>/GBR (Analog input), Color/Mono, HD-SDI/Analog select

#### ■ Optional Variety Accessories

AC Adaptor (AC-60i), Lithium ion battery (E-50, E-50S), Dual Rackmount (XRM-864), Carrying case (Soft/XCC-984, Hard/XCC-974), Field hood (XH-314)

# HTLM-600D

High-End HDTV 6-inch LCD Color Monitor

## Specifications

### General

<b>Formats</b>	1080/60i, 1080/59.94i, 1080/50i and 1080/24PsF
<b>Operating Voltage</b>	DC: 12V (11~17V) AC: 100~240V ± 10% (when using AC-60i)
<b>Power Consumption</b>	DC: 22W (Max) AC: 27W (Max)
<b>Ambient Temperature</b>	0°C to +40°C (32°F~104°F)
<b>Humidity</b>	70% or less (No condensation)
<b>Dimensions</b>	199(W) × 120(H) × 95.5(D)mm 7.83(W) × 4.72(H) × 3.76(D) inches
<b>Weight</b>	Approx. 1.75kg(3.86lbs)

### Rating/Performance

**Input Signal :** HD SDI BNC 2 channel  
Analog YP<sub>B</sub>P<sub>R</sub>/GBR signal 1 channel

#### HD-SDI Signal

- Inputs: BNC 2 channel
- Input level: 800mVp-p ± 10%
- Output level: 800mVp-p ± 10%
- Input/output impedance: 75Ω
- Transmission distance: Max 100m  
(When using the 5C-FB)

#### Analog YP<sub>B</sub>P<sub>R</sub>/GBR Signal

- Input: BNC 1 channel
- Input level: Y/GBR: 700mVp-p (positive),  
P<sub>B</sub>, P<sub>R</sub>: ± 350mVp-p (positive)

- SYNC: ± 300mVp-p (SYNC on Y/G)
- Input impedance: 75Ω

#### LCD Performance

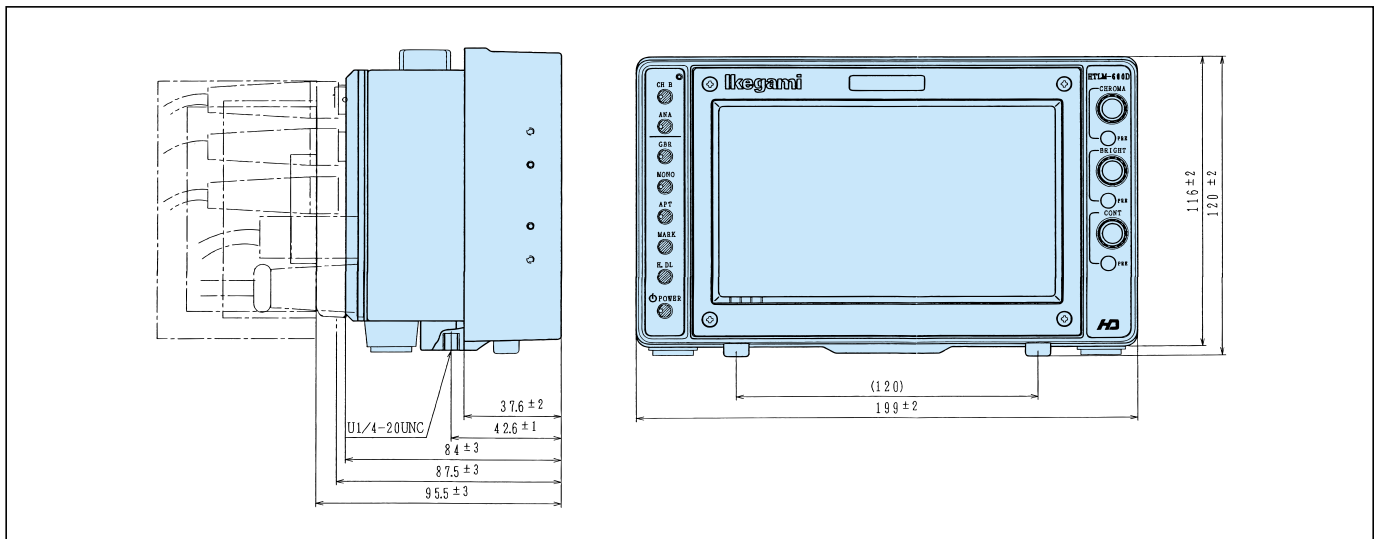
- Horizontal Resolution 750 TV Lines
- Pixels 960(H) × 540(V)
- Pixel Pitch 0.138mm(W) × 0.138mm(H)
- Picture Size 132.76mm × 74.80mm (6 inch)
- Max Brightness 350cd/m<sup>2</sup> (Full white signal input)
- Color Temperature: Approx. 6500k/9300k
- LCD Driving : A-SiTFT active matrix,  
non-interlace and H line reversal.
- Display Type TN-type full color (transmissible),  
normally white
- Pixel Arrangement RGB vertical stripe
- Contrast Ratio 200 : 1 (Typical)
- Viewing angle Vertical 45/40 Horizontal 50/50  
(At the contrast ratio 10:1)

#### Special Function

- Nine (9) and Shadow Markers
- Aperture for fine character display
- Color/Mono function (Except GBR input)
- H Delay
- Blue Only
- Caution Power Display
- Monitoring and Shutdown the Power
- Remote Operation

## Dimensions

Unit : mm (inch)



Design and specifications are subject to change without notice.

**Ikegami** IKEGAMI ELECTRONICS (U.S.A.), INC. ■ URL <http://www.ikegami.com>

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