

## Bobcat

Direct view display for stand-alone applications

### Features

- *WXGA (1280 x 768) native resolution*
- *Less than 4" deep*
- *Wide (170°) viewing angle*
- *User programmable backlight dimming control*
- *Automatically adjusts to ambient light conditions*
- *Remote monitoring and control using RS-232*
- *Direct view AP/LCD™ technology for superior image quality*
- *Protective faceplate option*

The Clarity Bobcat (SN-4035-WX) is a 40" direct view display designed specifically for the most demanding Digital Visual Messaging (DVM) applications. It features unprecedented backlight control for longer life, network-based monitoring and control, a protective front faceplate option and retail-friendly design options that set it apart from consumer flat-panel display models.

### The highest image quality available

Bobcat is a member of Clarity's Advanced Performance Liquid Crystal Display (AP/LCD™) family of products that deliver the highest image quality available in large screen displays. It combines WXGA (1280 x 768) resolution, high brightness, wide viewing angle, and contrast ratio with high performance input processing to create stunning images that grab attention in any application.

### Flexible and attractive design

The Bobcat digital display uses the same reliable and proven technology used in laptop computers and flat panel desktop displays to achieve a slim design in a 40" display. It is ideal for stand-alone applications in control rooms, corporate board and conference rooms, airports, retail banks, stores and restaurants, or to replace legacy display technologies such as cathode-ray tube (CRT) or plasma in these and other environments.

### Longer life, fewer problems than plasma

By using direct view AP/LCD technology, Bobcat offers the form factor benefits and flexibility of plasma displays without the inherent drawbacks of plasma technology – phosphor degradation and image burn-in,\* and excessive power and heat. Not only is the panel life of Bobcat up to five times longer, but it uses less power and gives off less heat for a display that fits well into any environment.

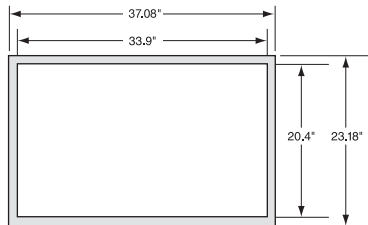
**clarity**<sup>®</sup>  
visual systems

# Bobcat

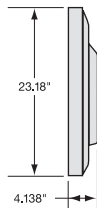
## Views



### Front



### Side

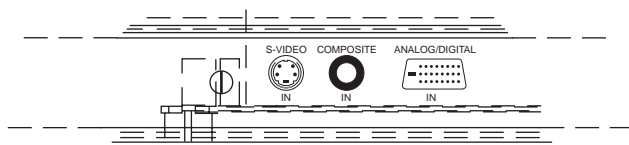


## Bobcat (SN-4035-WX) specifications

|                                    |  |
|------------------------------------|--|
| Display resolution                 | 1280 x 768   |
| Aspect ratio (W:H)                 | 15:9   |
| Screen dimensions*                 |  |
| Diagonal                           | 39.6" (100.58cm)   |
| Width by height                    | 33.9" x 20.4" (86.1cm x 50.8cm)  |
| Cabinet dimensions* (WxHxD)        | 37.08" x 23.18" x 4.138" (94.18cm x 58.8cm x 10.51cm)  |
| Screen brightness                  | 140 fTl or 480 cd/m2   |
| Contrast ratio (on-axis)           | 600:1  |
| Viewing angle (horz/vert)          | 170°/170° (at 10:1 contrast ratio)   |
| Color gamut                        | 75% NTSC, 102% EBU   |
| Weight                             | 53 lbs (24 kg)   |
| Backlight life (to 1/2 brightness) | 60,000 hours   |
| Line voltage                       | 100-120V, 200-240V @ 50/60Hz   |
| Power consumption                  | 240 watts  |
| Rear ventilation required          | 0" – wall mountable  |
| Colors                             | 16.7 million   |
| Operating temperature              | 32-95° F (0-35° C)   |
| Operating humidity                 | 20-80% non-condensing  |
| Safety regulations                 | Complies with UL, cUL, FCC Class A, CISPR22/85, CE designed to meet EN60950                        |
| Display technology                 | Direct view AP/LCD   |
| Data input (standard)              |  |
| Analog/Digital                     | VGA (640 x 480) to UXGA (1600 x 1200)<br>DVI-I connector – DVI to 15-pin HD D-sub adapter included |
| Video input (optional)             | Composite video (NTSC, PAL, SECAM) on RCA<br>S-Video (NTSC, PAL) on Mini DIN 4-pin connector       |
| Display control                    | RS232 and IR remote  |

\* Weight and dimensions are approximate. Specifications and design are subject to change without notice. This product may be subject to export control regulations.

## Connection panel



## Display Configuration

**Standard Bobcat Display (with glass faceplate) (SN-4035-WX/AR)** – Includes protective glass faceplate with anti-reflective/anti-glare coating.

**No Shield Bobcat Display (SN-4035-WX/NS)** – Same bezel and functionality as standard display, but without the protective glass faceplate.

## Faceplate Accessories

**Protective Glass Faceplate (SN-AR/AG)** – Glass faceplate with anti-reflective/anti-glare coating. Fits existing Bobcat II displays with tempered glass faceplate (not available for models with acrylic faceplate).

**Integrated Touch Screen Overlay (TS-4035-WX/NS/TSL) (TS-4035-WX/NS/TPSP)** – Transform Bobcat into an interactive display using the new touch screen overlay option. Specify if the display will be used in "landscape" or "portrait" mode.

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## Mounting Options

**Standard Mounting Bracket** – Low profile mounting bracket with CAT-Lock™ allows Bobcat to mount to walls.

**Adapter Plate (WAL-4035-00)** – Adapts Bobcat to third party 42" display stands.

**CPU Storage Wall Mount (WAL-4035-PC)** – Eliminate messy cable runs with this wall mount that includes an inconspicuous sliding PC storage compartment built in.

**Tilting-Wall Mount (WMT-4035)** – 0-12 degrees of tilt allows for better angle view in custom Bobcat installations.

**Basic Ceiling Mount (CM-4035)** – Hang Bobcat from the ceiling with a flexible extension arm that reaches 24-46".

**Tilting Ceiling Mount (CMT-4035)** – Same as the Basic Ceiling Mount, but with added flexibility of 0-12 degrees of tilt.

## Stands

**Basic Floor Stand (FS-4035)** – A 72" stand allows you to place Bobcat almost anywhere in the room.

**Tilting Floor Stand (FST-4035)** – Same as the Basic Floor Stand but with the added flexibility of 0-12 degrees of tilt.

**Adjustable Height Table Stand (TSA-4035)** – Position Bobcat from 0-28" above a table or podium.

## Color

**Color Bobcat** – Customize your standard or no-shield Bobcat display configuration with a color enclosure.

- **Core Colors** – Customer may choose one of the following five core colors: Silver, red, beige, white or blue.
- **Custom Colors** – Customer may choose from any one of 75 available powder coat options. Contact Clarity for details.

The color option is not available on Bobcat displays using the Integrated Touch Screen Overlay option.

## Networking and Integration

**Long Distance Courier (LDC-450 & LDC-TR)** – Enables video and RS-232 runs of up to 450 feet using skew free CAT-5 cable (not included). Includes the LDC-450 receiver and LCD-TR transmitter.

**WallNet™** – Clarity's browser-based network appliance turns Bobcat on or off from remote location and enables remote system monitoring.



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**Clarity Visual Systems, Incorporated**  
27350 SW 95th Avenue, Suite 3038  
Wilsonville, Oregon, 97070, USA  
Phone: 503-570-0700  
Fax: 503-682-9441  
[www.clarityvisual.com](http://www.clarityvisual.com)

