

BIG BUCK HD

SALES MANUAL



Play Mechanix™

BROCHURES

Panorama

BIG BUCK HD PANORAMA

Introducing
**THE FUTURE
OF ARCADE
GAMING!**

- **1080p** HD Cinema Quality Graphics
- **100% ALL-NEW** Gameplay
- **GROUND BREAKING** Online Features
- **FACEBOOK & TWITTER** Integration
- In-Game **PROMOTIONS**
- **CREDIT/DEBIT** Card Acceptance
- Preinstalled **verizon CELL MODEM**
and **WiFi** for easy connectivity!
- Operator-Provided Monitor
(42" - 55")

Setup Dimensions: 47½"L x 24½"W x 84½"H
Monitor Not Included



BROCHURES - PANORAMA

BROCHURES

32" Dedicated

BIG BUCK HD

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32" DEDICATED

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- In-Game **PROMOTIONS**
- **CREDIT/DEBIT** Card Acceptance
- Preinstalled **verizon CELL MODEM**
AND WiFi for easy connectivity!
- **Monitor Included**

Setup Dimensions: 29½"L x 24½"W x 79⅜"H



BROCHURES - 32" DEDICATED

INTRODUCTION

Game Configuration/Tech Specs

Technical Specifications

- High Reliability Dell Computer with 1 year warranty
- Improved Gun Design
 - Brand new camera system designed for better accuracy
 - New more durable material used for shell made for better shock absorption
 - Gun shells for both players are exactly the same. Now stock only one type of shell.
- 90 day limited warranty on game

32" Dedicated

- Smallest footprint; similar to 27" Big Buck Hunter Pro.
- Perfect for Bars and Taverns
- Fits through a standard 32" door
- Includes 32" fully enclosed HD monitor with glass front



Panorama

- Operator provides 1080p LCD monitor (42"-55")
- High impact showpiece cabinet.
- Perfect for larger locations and FEC's
- Fits through a standard 32" door (without monitor)



GAMEPLAY

Overview

More Action-Packed and Addictive than EVER!

- Jaw-Dropping **1080p** HD Graphics!
- **Hyper-Realistic** Animals!
- **Breathtaking** Environments!
- **Dangerous Trophy** Animals!
- Challenging **New Critters**
- **All-New Bonus Games!**
- Real-Time Online **Showdowns!**
- Rebuilt **Tournament** Structure!
- Unlimited **Add-On Tourneys!**
- Robust **Challenge** System!

Industry-First
1080p HD
Gameplay!



**DANGEROUS
TROPHY**

**MEGA
TOURNEY**

**mini
TOURNEY**

SHOWDOWN

GAMEPLAY

Graphics & Gameplay

**NEW
FEATURE**

Stunning, Full HD Graphics

- First arcade game to utilize full 1080p HD graphics
- Cutting-edge technology that will stand the test of time



Animals from North America and Africa

- Initial release includes 5 animal adventures with 3 hunting treks each:
 - North American - Whitetail Deer, Elk, and Moose
 - African - Wildebeest and Kudu

**MORE
ANIMALS
COMING WITH
UPGRADES**



**WHITETAIL
DEER**



ELK



MOOSE



WILDEBEEST



KUDU

GAMEPLAY - GRAPHICS & GAMEPLAY

GAMEPLAY

Dangerous Trophy Animals



**NEW
FEATURE**

Dangerous Trophy Animals

- Each player will get an opportunity to hunt a Dangerous Trophy animal once per trek
- Dangerous Trophy animals include Black Bear, Grizzly Bear, Puma, Lion, Panther, and Cheetah
- These trophy animals give the players opportunity for extra points
- When a Dangerous Trophy animal appears, it attempts to attack the player
- Player must shoot Dangerous Trophy before the animal reaches him/her and attacks



GAMEPLAY

Critters & Bonus Games

Critters

- Stocked with 35 different Critters



All-New Bonus Rounds

- 15 new and improved Bonus Games

Twister Bonus



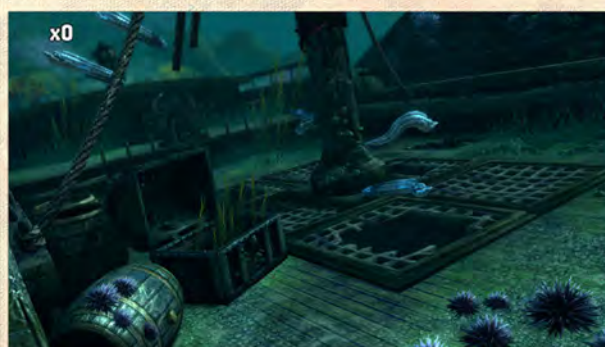
Fly Trap Bonus



Salmon Bonus

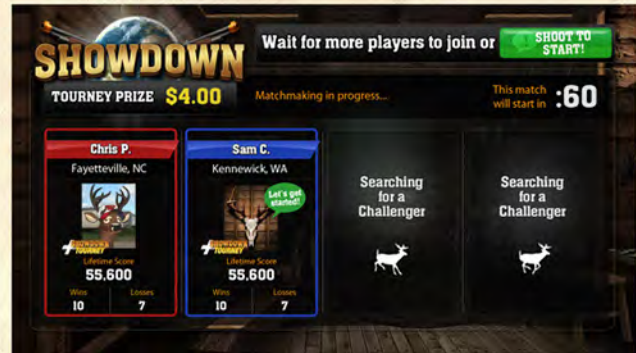


Electric Eel Bonus



GAMEPLAY

Showdown and Showdown Tourney



PLAY LIVE,
round-robin style,
against **ANYONE**
from across the
ENTIRE country!



**NEW
FEATURE**

**INCLUDED
ONLINE**

Showdown and Showdown Tourney

- Exclusive real-time online challenge
 - Play live round-robin style play against anyone from across the country at any connected Big Buck HD
 - Players can find their friends or join a public lobby to compete against other players live
 - 2-4 Players will be entered into a custom game screen where the animal for each site is chosen at random
 - All players will individually play the same animal at the same time
 - Scores will be compared and the player with the highest score will have his site replayed to all players
 - Now players can compete live without being in the same location
 - Players can opt into Showdown Tournaments for a chance to win prize pools.
- If a player wins a Showdown Tourney, winnings are automatically added to their player account.

GAMEPLAY

Add-On Tournaments

**NEW
FEATURE**

**INCLUDED
ONLINE**

Add-On Tournaments

- Quick turnover
- Creates more winners
- Appeals more to casual player base
- For an additional \$1.00 (cost to player), any online casual game can be entered into a Tourney
- Prize pools are funded by the player and awards are paid out automatically by the online system to the player's account



ADD-ON TOURNEYS

+mini TOURNEY

	Elk Tourney 540	Bucks	Accy.	Score
1	Alex Derhohannesian Lilo's Bar - New York, NY	42	58%	26,100
2	David Grohl Legend's - Albany, NY	42	58%	26,100
3	Mike Colesworthy Stadium - Schaumburg, IL	42	58%	26,100
4	Ernest Hemmingway Moulin Rouge - Montmartre, DC	42	58%	26,100
5	Jane Austen Wolf's Den - Salem, MA	42	58%	26,100
6	Clark Kent Planet Planet - Metropolis, NY	42	58%	26,100
7	Josh Taylor Harte's - Chicago, IL	42	58%	26,100
8	Kitty Pride Lilo's Bar - New York, NY	42	58%	26,100

Mini Tourney

Smaller Leaderboard Size - 1 Trek Tourney

+MEGA TOURNEY

	Whitetail Tourney 540	Bucks	Accy.	Score
1	Tom Hanks The Bunker - Los Angeles, CA	42	58%	26,100
2	Alex Derhohannesian Lilo's Bar - New York, NY	42	58%	26,100
3	Gunther The Ranch - Elgin, IL	42	58%	26,100
4	Andre 3000 Buffalo Wild Wings - Miami, FL	42	58%	26,100
5	Rachel McAdams Shoney's - New York, NY	42	58%	26,100
6	Samantha Wheatling Arcadium - Portland, OR	42	58%	26,100
7	Geoff Walsdorf Lilo's Bar - New York, NY	42	58%	26,100
8	Jen Schildgen Stadium - Schaumburg, IL	42	58%	26,100

Mega Tourney

Larger Leaderboard Size - 3 Trek Tourney

- Tourney leaderboards are limited to a much smaller number of players
- Once that number of players is reached, the Tourney closes and automatically opens a new one
- There are at least 10 Add-On Tournaments running at one time (2 per animal - 1 Mini Tourney and 1 Mega Tourney)

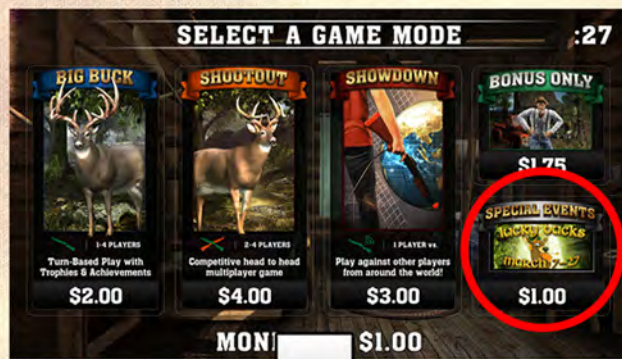
NOTE: Tournaments offered where allowed by law

GAMEPLAY

National Tournaments

INCLUDED
ONLINE

National Tournaments



- Monthly High Score Tournaments are sent down to all online game machines
- Players select the "Special Events" button to enter
- Geared more toward the avid player, Tournaments give the best players in the country an opportunity to compete for top prizes
- All players compete on the same pre-selected trek for the highest score possible
- National Leaderboard is viewable both at the game and on BigBuckHD.com
- Players do not pay added fee to play, Raw Thrills sponsors all prizes.

NOTE: Tournaments offered where allowed by law

GAMEPLAY

Challenges & Badges

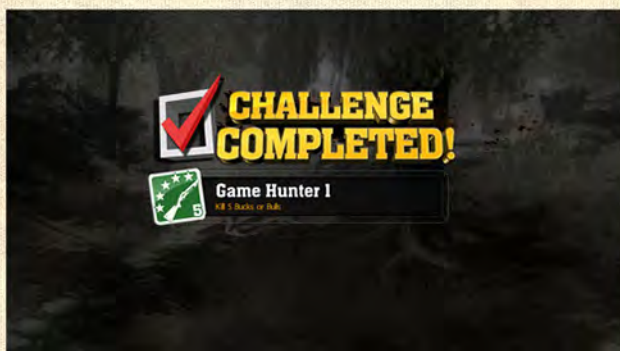


**NEW
FEATURE**

**INCLUDED
ONLINE**

Challenges & Badges

- During online casual play, players can earn and unlock challenge badges for completing specific goals
- Badges are displayed in Player Profile, under the "Completed Challenges" tab
- Over 400 badges total (Estimated to take at least 2 years to fully complete)
- Custom challenges, created by Raw Thrills, will be time-specific and encourage play on a given day



PLAYER FEATURES

Overview



- Customizable Facebook & Twitter Integration!
- Personalized Player Profile!
- Live News/Announcement Ticker!
- Powerful, All-New Player Website/Location Finder!
- Friends List Functionality!
- Buck Points Reward Program!
- FREE Express Login Player Cards!
- Player Account Lets You Play with Your Winnings!

PLAYER FEATURES

Social Networking



Facebook and Twitter Integration

- Announcements through players' Facebook and Twitter accounts will be made when a player logs in at game
- The message will let people know when and where the player is playing
- The player can also choose to post certain achievements, tournaments won, high scores, etc.
- From BigBuckHD.com, players can access other players' social network pages to communicate and build the Big Buck community

PLAYER FEATURES

Player Profile & Ticker

**NEW
FEATURE**

**INCLUDED
ONLINE**

Player Profile

- Player Profile follows player to all Big Buck HD games and BigBuckHD.com
- Keeps track of lifetime stats and allows the player to compare stats with other players from across the country
- A player can choose from over 35 avatars to represent them or upload a custom avatar on BigBuckHD.com

Mike Colesworthy
SCORE | **2,560**

▼ Hover to expand, shoot to lock. ▼

MY PROFILE

OPEN CHALLENGES >

COMPLETED CHALLENGES >

FRIENDS LIST >

TOURNAMENTS >

MY PROFILE

Mike Colesworthy

Lifetime Score: **179,894** Buck Points: **2,160** Hunting Since: **02.15.12**

Bucks Killed **263** # **Trophies Killed** **9** **Marksman Awards:** **0**

Critters Killed **137** **Perfect Sites** **43** **Double Perfect Bonus:** **0**

Longest Perfect Streak: **4**

View stats, change your avatar and more at bigbuckhunter.com

:25 | come to Big Buck Hunter HD! BBHD Website going live on 7th March 2012.... **Open**

**NEW
FEATURE**

**INCLUDED
ONLINE**

Ticker (Bottom of Game Screen and on Website)

- Raw Thrills will push messages about upcoming events, tournaments, etc. to the players using a ticker bar that scrolls across the screen
- The ticker bar will be updated frequently to continue to engage the player

PLAYER FEATURES

Friends List

**NEW
FEATURE**

**INCLUDED
ONLINE**

Friends List

- Keeps players connected using a familiar concept
- Players can compare stats and scores with anyone on their Friends List
- Any players that play together will automatically be added to each others' Friends Lists
- Players can add any other players or delete players from their Friends Lists at BigBuckHD.com

The image displays two screenshots of the Big Buck HD Friends List feature. The top screenshot is an in-game interface showing a player's profile (Mike Colesworthy, score 5,427) and a list of friends with their stats. The bottom screenshot is a web browser view of the same feature, showing a search bar and a list of friends with their stats. Arrows indicate the relationship between the two interfaces.

In-Game Friends List

Player Name	Player Score	Bucks Killed	Last Tourney Rank
Bryan Stooksbury	302,104	893,029	3rd Place
Scott Van Hoomissen	409,912	1,931,962	129th Place
Huntress22	12,842	128	18th Place
Oshkosh Bagosh			

Online Friends List

Player Name	Bucks Killed	Last Tourney Rank
Bryan Stooksbury	893,029	3rd Place
Scott Van Hoomissen	1,931,962	129th Place
Huntress22	128,000	18th Place
Oshkosh Bagosh	400,005	Gemabok
Josh Taylor	888,829,941	Awesome

PLAYER FEATURES

Player Cards and Account

INCLUDED
ONLINE

Player Cards



- All players that complete registration will receive a Free Big Buck HD player card
- Players can create new accounts at a game machine and will be directed to complete the registration process at BigBuckHD.com

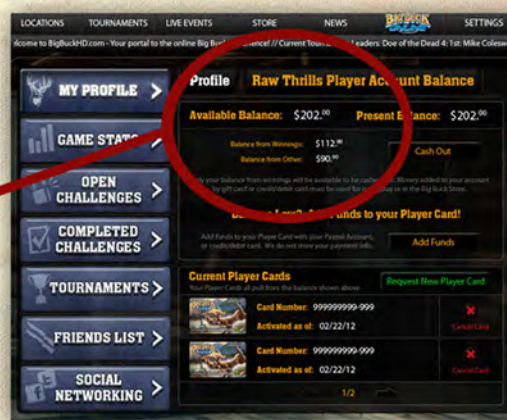
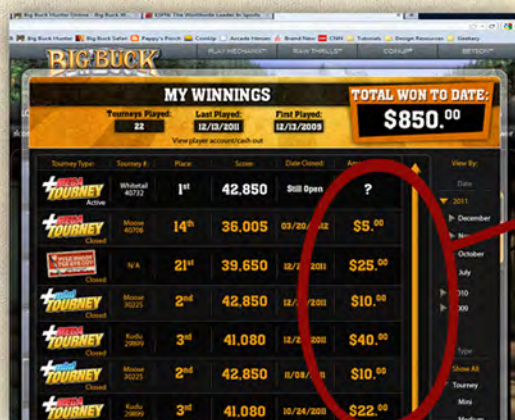
- Player cards can be used as a quick login method at the game and to pay using funds from their player account.

NEW
FEATURE

INCLUDED
ONLINE

Raw Thrills Player Account

- All prizes paid out by Raw Thrills will be put directly into the player's account, which can be cashed out at any time from the website



NEW
FEATURE

INCLUDED
ONLINE

Pay with Player Account via Player Card

- Players will be able to play off of and pay with their player account at any Big Buck HD game machine.



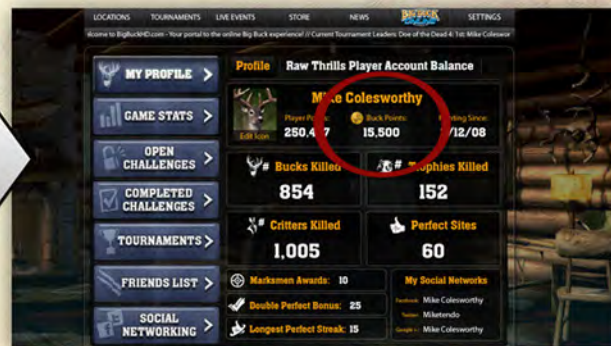
PLAYER FEATURES

Buck Points

Another way to win, just by playing!

Earn Buck Points in the game!

Check Buck Points online from your player profile.



Cash in Buck Points online at the Big Buck Store for merchandise!



**NEW
FEATURE**

**INCLUDED
ONLINE**

Buck Points

- Players earn free Buck Points by achieving certain goals throughout the game
- These Buck Points can be redeemed for Big Buck merchandise at BigBuckHD.com
- Players receive Buck Points for winning a tournament, completing a challenge, obtaining a high score, or even for just playing a game

PLAYER FEATURES

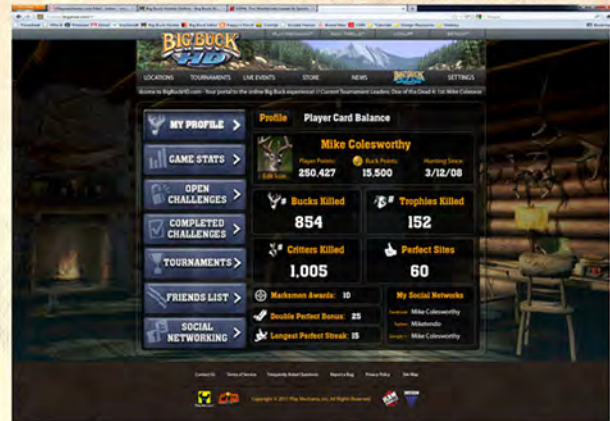
BigBuckHD.com

NEW
FEATURE

INCLUDED
ONLINE

Player Website

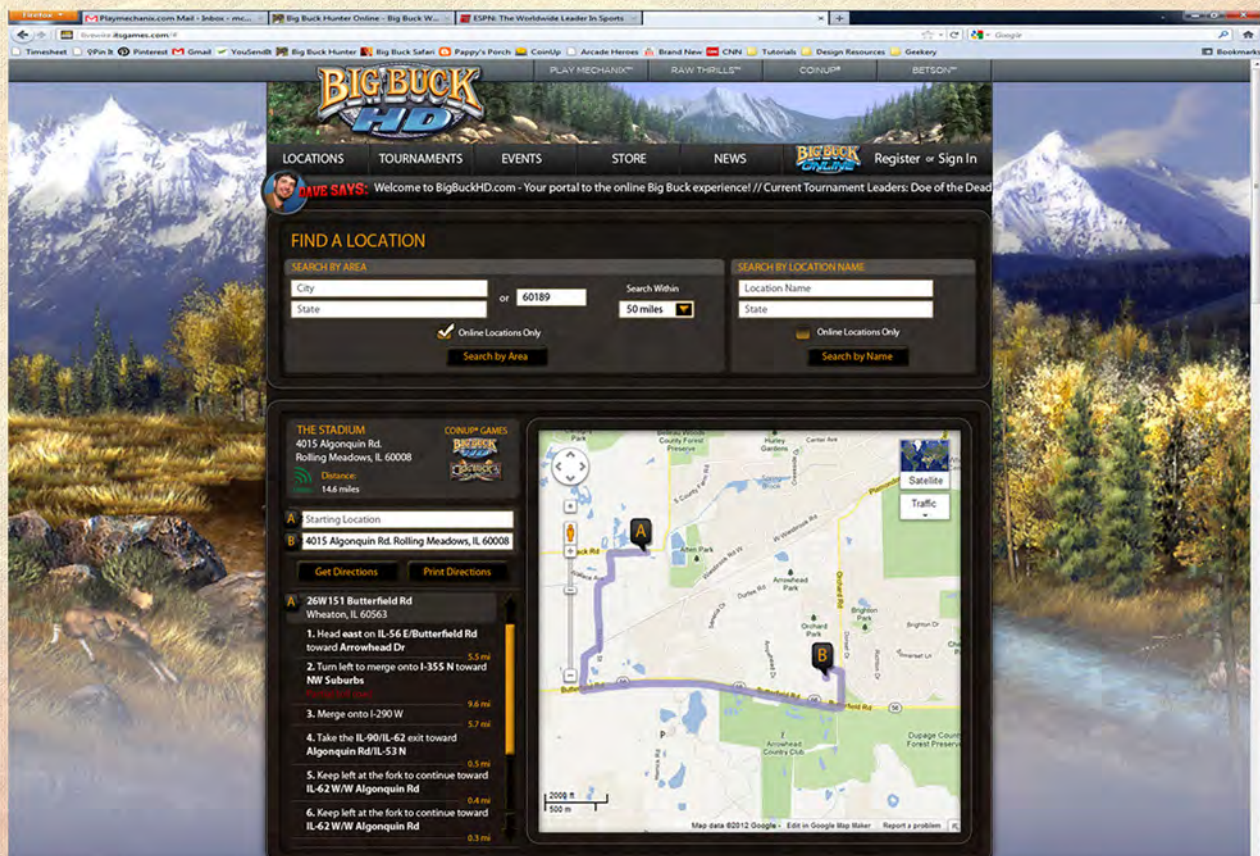
- Keeps players connected to the game when they are not on location
- Players can compare stats, check leaderboards, find tournaments, update their Friends List, and much more



INCLUDED
ONLINE

Location Finder

- Players can find any connected Big Buck HD game
- The website will provide driving directions and information on any tournaments running on that game.



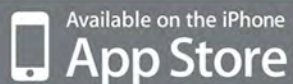
BIG BUCK HD APP

The Official Big Buck HD Pocket Guide



The Full Online Experience - To Go!

Players can take the online experience along with them using the **FREE Big Buck HD Pocket Guide app** for iPhone, iPod Touch, and Android!



A Comprehensive Way to Keep Up!

- Powered by the same services that power BigBuckHD.com
- Location Finder allows player to use their device's built-in GPS to find the nearest online Big Buck HD
- Locations can be marked as favorites
- Full list of player's stats are available in one convenient place
- Full Player Profile including Friends List is available and can be edited on the spot
- Friends List displays running score comparisons
- Players can access and add funds to their player accounts
- Player Account updates in real time, allowing a player to load up their account from across the bar, walk up to the game and start playing!

CONNECTIVITY

Overview

More Connection Options Less Hassle!

- **Game is Online Out of the Box!**
- **Connect via Included Verizon Cell Modem!**
- **Connect to an Active WiFi Connection!**
- **Connect to Existing Wired Connections via Ethernet!**

BIG BUCK ONLINE

CONNECTIVITY

CONNECTIVITY

Cell Modem

Included Cell Modem

**NEW
FEATURE**

No wires or cables!

Connect your game with ease using the pre-installed Verizon cell modem.



Register your Game Machine

**NEW
FEATURE**

Connect right out of the box!

At delivery, cell modem is ready to go! Just register the machine to your Online Operator account.

As part of the Standard Operator Agreement, which must be signed by each operator, the operator can choose to activate cell service to any game machine.

CONNECTIVITY - CELL MODEM

CONNECTIVITY

Cell Modem (Continued)



**NEW
FEATURE**

Cell Modem Contract Details

- \$18 per month
- 2 year contract
- \$50 early termination fee

Operator will sign a standard operator agreement to participate in Big Buck HD online. Part of the agreement states that he will be able to activate cell service at any game machine.

During the registration process at the game, the operator will choose which connection type he would like to use. If the operator would like to use cell modem, then he will opt in to a cellular contract at the game for that cell modem.

To opt in, while choosing the connection type the operator will select the cell option and will then be prompted with the terms of the cell agreement. If he selects the "Agree" button, he will automatically be placed into a 2 year contract for the modem in that game.

If the operator selects the "Decline" button, the modem will be turned off and he can establish a connection using WiFi or ethernet. He can re-activate his modem at any time by calling CoinUp support at Raw Thrills.

CONNECTIVITY

WiFi*

WiFi Connectivity*

- Connect to location's WiFi with the pre-installed WiFi device.
- If using WiFi, operator will need to know general information about the network at the location.
- Info needed: SSID, encryption type, encryption key (password), channel.
- If the network is open/disabled, then the operator will only need to scan for the network and the system will do the rest.
- IP Address can be obtained automatically via DHCP or statically configured



* Each location is different and operators need to understand that WiFi is not always the most reliable choice. They need to come prepared with the above info in order to have a smooth connection and consult the operating manual for help. May require that operator has access to location's router to view/change configuration.

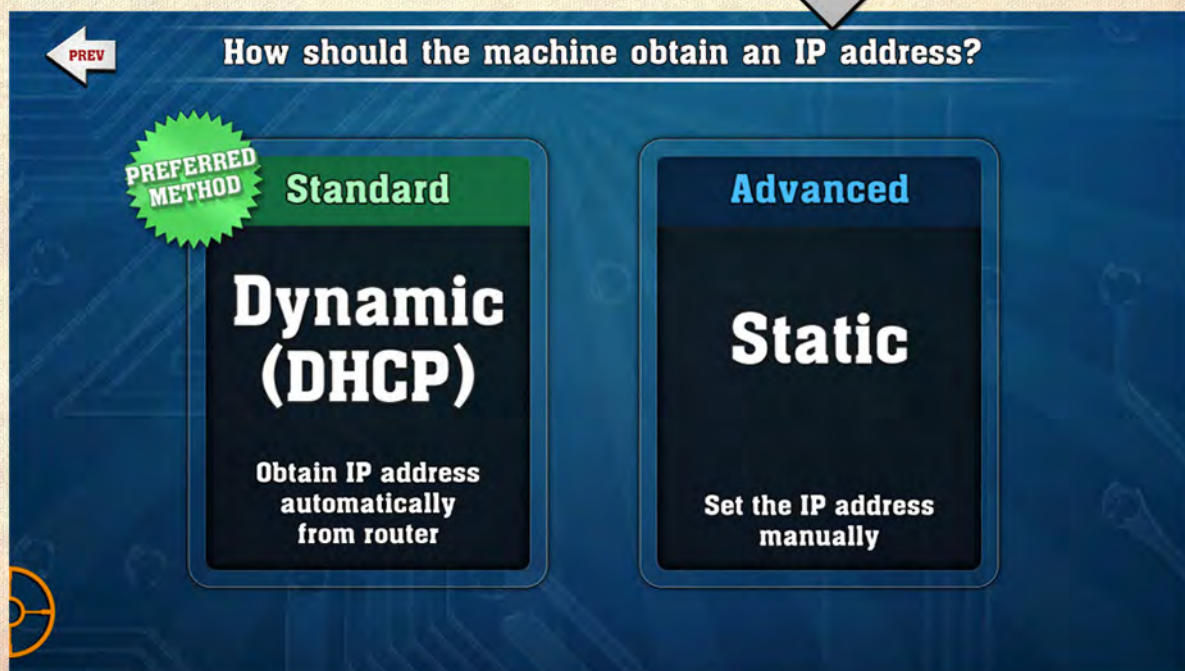
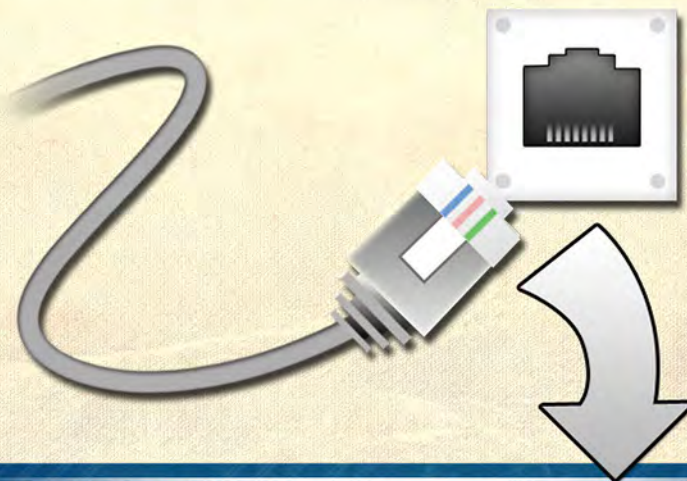
* Warning: Credit Card functionality is only available on secured WiFi Networks.

CONNECTIVITY

Ethernet

Ethernet Connectivity*

- Operators can take advantage of the location's internet service. Just connect an ethernet cable to the computer in the game.
- IP Address can be obtained automatically via DHCP or statically configured
- Once connected, register the machine using Operator ID and PIN



* Each location's network is unique. The operator should consult the operating manual for help on connecting the game via ethernet.

ADDITIONAL ONLINE FEATURES

Overview



Faster Credits and Faster Content!

- **Cashless Payment!**
 - **MasterCard, Visa, Discover, American Express!**
 - **Play off Credits Won in Player Accounts**
- **Game Updates and New Content via Digital Download!**

**ONLINE
FEATURES**

ADDITIONAL ONLINE FEATURES

Cashless Payment*



NEW
FEATURE

INCLUDED
ONLINE

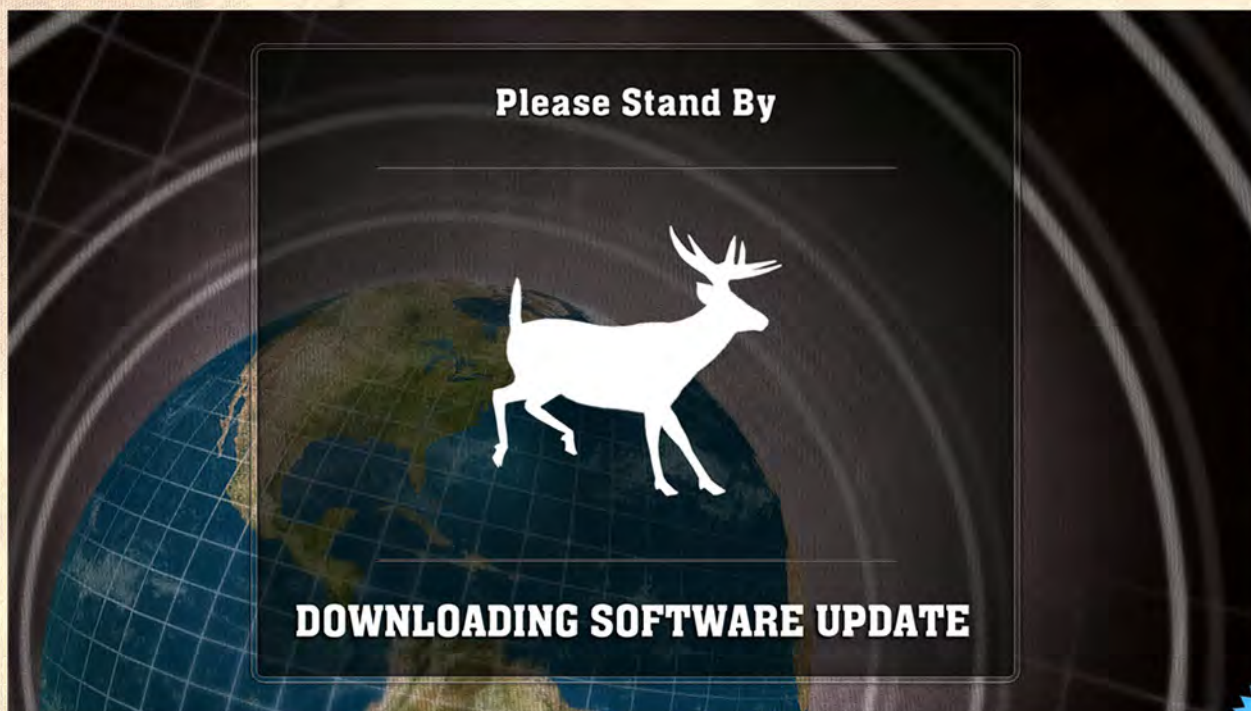
Cashless Payment

- Card Reader standard on every cabinet
- Once connected, players can pay for games using any of the following:
 - Credit/Debit Cards
 - Visa
 - Master Card
 - Discover
 - American Express
 - Big Buck Cash Card
 - Raw Thrills Player Account
- \$5 minimum credit card transaction
- Raw Thrills acts as the Merchant of Record and offers Credit Card service as a turn-key solution
- Operator fee on credit card purchases will be 4% plus gateway charges
- The credit card fee is a pass through fee and includes all costs associated with processing the credit card transaction.

* Warning: Credit Card functionality is only available on secured WiFi Networks.

ADDITIONAL ONLINE FEATURES

Downloadable Content



INCLUDED
ONLINE

Free Content Downloads

FREE



SOFTWARE UPDATES

SOFTWARE UPDATES will be **AUTOMATICALLY** downloaded to connected games to ensure all games are running the most recent version.

No need to visit the location with a disc, just download the updates directly to the game.

Paid Content Downloads

CONTENT UPDATES (such as new animals, etc) can be **PURCHASED** from an authorized Raw Thrills distributor and digitally downloaded directly to the game.



**NEW
ANIMAL
PACK!**

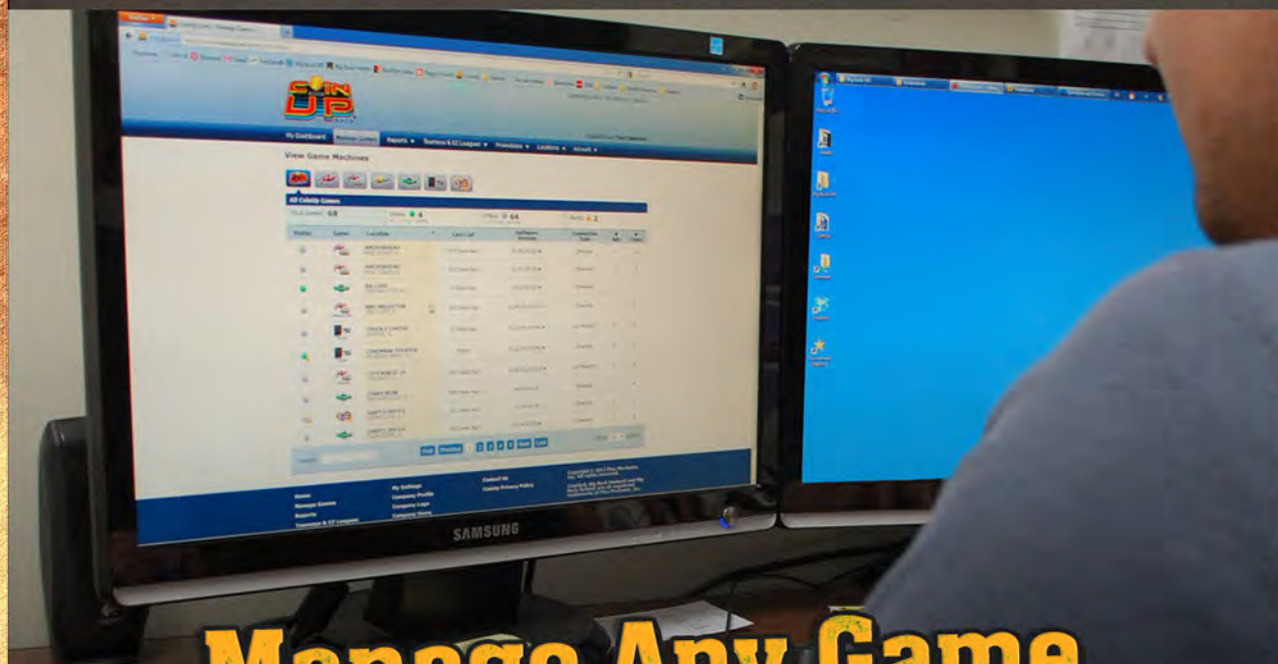
**NEW
FEATURE**

INCLUDED
ONLINE

ADDITIONAL ONLINE FEATURES - DOWNLOADABLE CONTENT

ONLINE MANAGEMENT TOOLS

Overview



Manage Any Game, From Anywhere!

- **Full Suite of CoinUp.com Features!**
 - Remote Management
 - Online Diagnostics
 - Detailed Reports
 - Pay CoinUp Bills with a Credit Card
- **CoinUp User Accounts!**
- **Big Buck Cash Card Promotions!**
- **Easy Local Tournament and In-Game Ad Creation!**



ONLINE
MANAGEMENT

ONLINE MANAGEMENT TOOLS

CoinUp.com Features

Online Diagnostics

Less down time = more money!

View health of connected games and see connectivity, hardware, and switch issues.

**NEW
FEATURE**

**INCLUDED
ONLINE**

Remote Management

Put your feet up!

Manage all connected games from one place - change game settings, unregister, even reboot!

**NEW
FEATURE**

**INCLUDED
ONLINE**



Detailed Reports

Track every penny!

Acquire detailed financial/game play data as well as reports on earnings, collections, and players.

**INCLUDED
ONLINE**

CoinUp now accepts Credit Cards

Easy CoinUp Account Management!

CoinUp can link to a bank account or a credit card to collect monthly fees.

**NEW
FEATURE**

**INCLUDED
ONLINE**

ONLINE MANAGEMENT TOOLS - COINUP.COM FEATURES

ONLINE MANAGEMENT TOOLS

Local Tournaments

INCLUDED
ONLINE

Big Buck Local Tournaments

- Create your own custom tournament on CoinUp.com.
- Choose the animals, duration, price, and prizes.
- Invite other operators to be part of your tournament to boost the scope.

My Dashboard
Manage Games
Reports
Tournaments & EZ Leagues
Promotions
Locations
Account

Create Tournament
Details & Settings
Cost & Prizes
Site Selection
Graphics
Game Machines
Review & Submit

Select Sites

Choose the sites for your tournament. [Read Instructions](#)

ELK
Trek 1
Site 2

Whitetail Deer
Trek 3
Site 1

Moose
Trek 1
Site 5

Wildebeest
Trek 3
Site 2

Whitetail Deer
Trek 1
Site 3

Wormhole Bonus

Randomize

Next Step
Back

Tournament Information

Game
Big Buck Hunter Pro

Tournament Name
Billy's Tavern Tournament

Start Date
03/31/2012

End Date
03/31/2013

Number of Treks
1 (5 sites, 1 bonus)

Scoring Type
High Score

Cost
Base Cost: \$1.50
Prize Fund: \$1.00
CoinUp Fee: \$0.50
Player Cost: \$3.00

Prize Total
86



ONLINE MANAGEMENT TOOLS

Advertisements

INCLUDED
ONLINE

In-Game Advertising

- Advertise for tournaments, leagues, drink specials, or anything you would like.
- Download graphics straight to the game using CoinUp.com. No need to visit the location.
- Ads show up as full page images during the attract mode.



ONLINE MANAGEMENT TOOLS

Cash Cards



INCLUDED
ONLINE

Big Buck Cash Cards

- Give your players free game play with a Big Buck Cash Card
- Cash Cards come in \$5, \$10, \$15, \$20, \$25, \$50, \$75, and \$100.
- Order Cash Cards directly from CoinUp.com for 50¢ per card plus shipping.
- Cash Cards are printed with your company name and the amount of the card.
- Cash Cards can only be used at game machines registered to the operator that ordered the card.
- Cash Cards are valid at Big Buck World and Big Buck HD machines.
- Machines must be connected and have a working card reader.
- Operators are responsible for any online fees (i.e. tournament funding) paid for with a cash card.

ONLINE MANAGEMENT TOOLS

Sub-User Accounts

INCLUDED
ONLINE

User Accounts at CoinUp.com

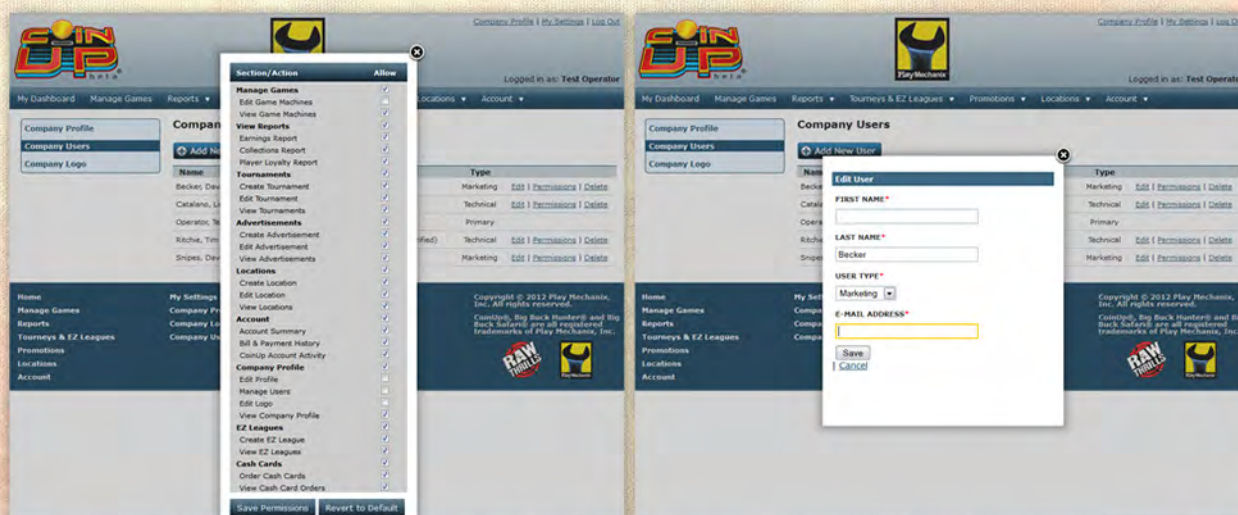
- Create CoinUp.com sub-user accounts for Marketing, Accounting, and Technical employees.
- These accounts have pre-set permissions giving them limited access to the website according to their account type.
- Account permissions can be edited on the website by the main account holder to give more or less access.

Operator Login

Username

Password

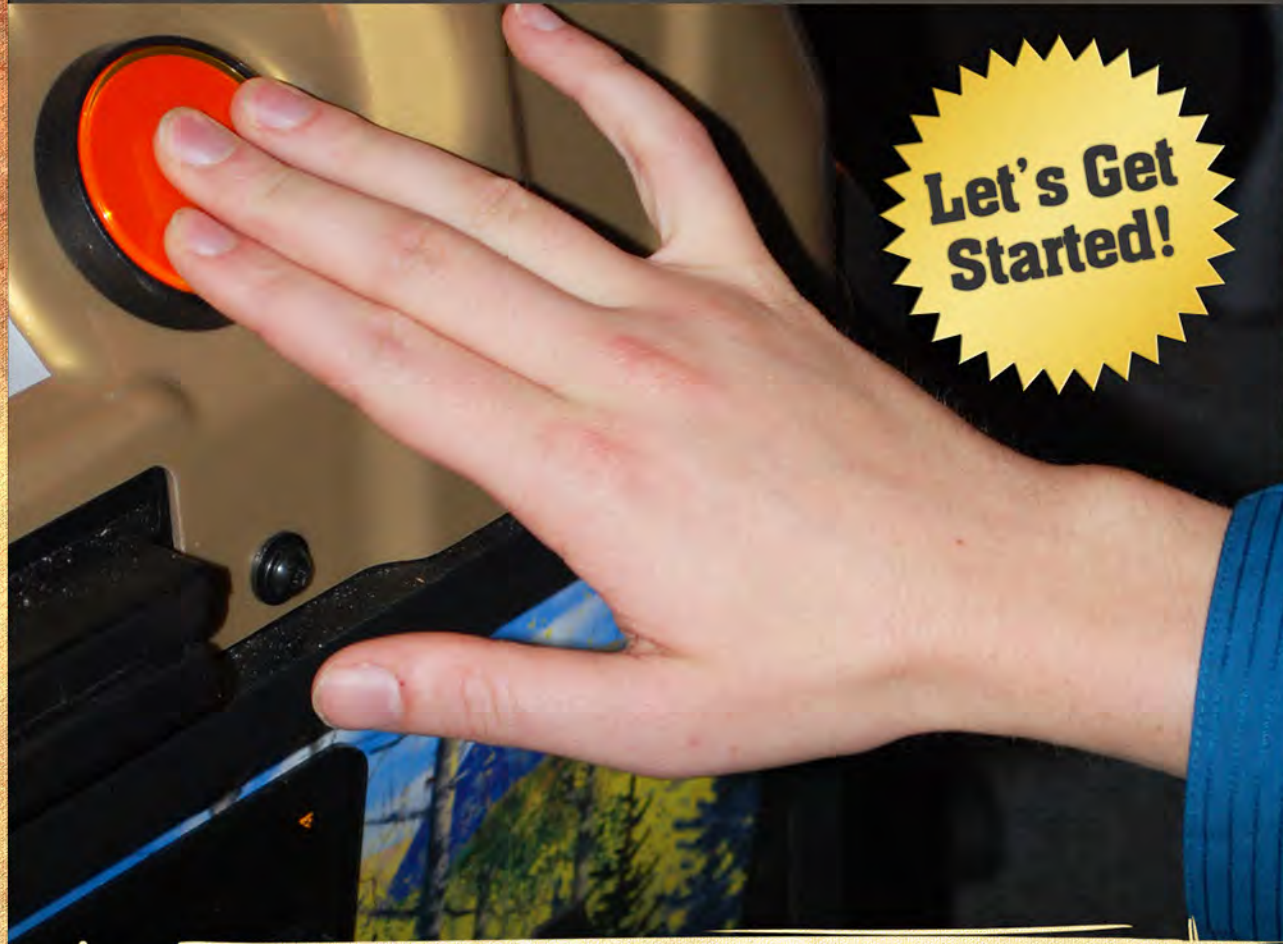
Login



ONLINE MANAGEMENT TOOLS - SUB-USER ACCOUNTS

SUBSCRIPTION/NEXT STEPS

Overview



Take Your Earnings to the Next Level!

- **\$24.99/month Online Subscription Fee!**
- **Simple Step-by-Step Setup Instructions!**
- **Helpful Customer Service Representatives!**

SUBSCRIPTION/
NEXT STEPS

ONLINE SUBSCRIPTION FEE

Included Online Features

INCLUDED
ONLINE

FEE IS
WAIVED
FOR
2012

\$24.99/month!



Cashless
Payment Options



Stat Tracking,
Challenges, and Badges



Add-On Tourneys



Online-Only Game Modes
and Tournaments



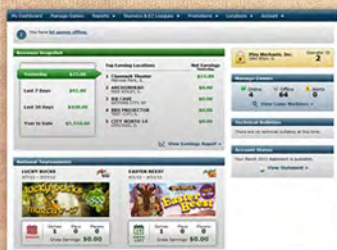
In-Game Advertising,
Player Profile & Ticker Bar



Buck Points
Sponsored by
Raw Thrills



Receive all of this, **PLUS**



AND access to your game
management website!

ONLINE SUBSCRIPTION FEE - INCLUDED ONLINE FEATURES

NEXT STEPS

Operator Registration

Operator must be registered with Raw Thrills as an online CoinUp operator.

- If they have an Operator ID from Raw Thrills then skip to step 3 (Installing the game)
- If they are not registered, follow these steps

Operator Account Registration

1

Step One: Operator Registration at www.coinup.com

- Many operators are already registered. Operators that aren't registered will need to complete the CoinUp Registration Packet
 - Registration Packet can be found at www.coinup.com/coinupregistration.pdf
 - It is suggested that you print a copy of the registration packet for each sales presentation
- It consists of an Operator Agreement, ACH Bank form, and Operator Registration Form
 - It's important that operators provide a valid email address. They will also need to provide payment information (either Bank information or Credit Card information, we don't need both)

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Step Two: Receiving Operator ID

- Once registration packet is submitted, operators will receive registration confirmation via email containing Operator ID and PIN within 1-3 business days.
- Using this email, Operators will set a password for their web account as well as receive valuable game registration information.
- Within 1-2 weeks operators will receive an Operator Card in the mail which they can use for quick log in when registering their machines. Operators DO NOT need to wait for this card to begin registering their games.

NEXT STEPS

Game Installation

Installing the Game

3

Step Three: Power Up Game

- When the game is turned on for the first time, some setup will be required and the operator will be walked through a series of steps.
 - Gun Calibration, Screen Latency Test, Screen Adjustments, Operator Login, Cabinet Registration, and Connectivity Wizard

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Step Four: Gun Calibration, Screen Latency Test, and Screen Adjustments

- The first three steps pertain to setting up the monitor and operators can follow the easy on-screen instructions
- After the initial setup, each of these steps can be accessed through the diagnostics menu for further review

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Step Five: Operator Login

- Operators will log into their account using the Operator ID and PIN provided to them. They can also swipe their operator card for quick access.
- If in the very rare event that an operator is on site and hasn't registered an online account with Raw Thrills, he will be able to create an account from the game. (We should try everything in our power to make sure this does not happen and get them registered before they go on location)
 - To register an account at the game, they will need to provide all pertinent information, including a valid email address, company name, phone number, etc. They will also need to provide a credit card for billing purposes.

NEXT STEPS

Game Installation (Continued)

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Step Six: Cabinet Registration

- Once the operator is logged into his account, he will need to register his game
 - He will enter the location name, address, phone number, time zone, etc.
 - It is important that the operator correctly complete this section so that the game appears in the location finder properly for players to find.

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Step Seven: Choose Connection Type with Connectivity Wizard

- Operator must choose how he would like to connect his game (ethernet, cell, or WiFi)
 - Cell modem is pre-installed and is ready to go
 - Operator must have a signed operator agreement to use cell
 - They will be able to opt in to the cell plan by agreeing to the terms and conditions at the cell modem selection screen.
 - If an operator chooses to not use cell, the cell modem will be turned off. He can reactivate the modem by contacting CoinUp Support at Raw Thrills.
 - WiFi device is pre-installed and is ready to go
 - Operator must have the network credentials in order to complete WiFi set up
 - SSID, Encryption Type, Encryption Key/Pass Phrase (password), and Channel
 - Following the on-screen WiFi set up instructions, operators can connect to the location's WiFi
 - Ethernet is another connection option
 - Operator needs to connect a Cat-5 (High Speed internet only) cable to the port on the back of the computer.

Congratulations!

**Your Game is now Registered!
Enjoy all of the online features.**

NEXT STEPS

Additional Information

Registration Required

Games will not function unless they are registered. Please make sure that operators have everything they need before going on location to install a game.

No Connection Prior to Registration

If in the event that an operator can not connect his game due to circumstances outside of his control (i.e. location is bringing in internet but not until next week) he will be allowed to run his game in an offline grace period for 30 days. This will allow the basic game to be playable but will have minimal features. After 30 days the game will go into an unplayable state until registered.

Loss of Connection

Once a game is registered it's possible that it will lose connection from time to time. If a game loses connection, it will lose certain online features like the ability to play tournaments, showdown, etc. As soon as the game regains it's connection all of those features will return automatically. All online casual play data that occurs while a game is not connecting will be stored on the hard drive and will be sent up when a connection is regained.

If a game is offline for 30 days, that game will revert back to an unregistered state and will become unplayable. Operators need to make sure their games do not get into this state otherwise their game will be unusable.

BIG BUCK HD LCD SELECTION GUIDE

Overview



Selecting the Right LCD Makes a BIG Difference!

- **Ensure Maximum Performance!**
- **Purchase the Right Monitor for Big Buck HD!**
- **Helpful tips on Monitor Lag and Game Mode!**

BIG BUCK HD LCD SELECTION GUIDE

Ensuring Maximum Performance

In order to ensure the highest possible collections and performance of your Big Buck HD Game, you should purchase a 1080p LCD with LOW INPUT LAG. The extra amount you spend for this valuable feature will be more than offset by the improved earnings and player satisfaction.

Input Lag, Game Mode, and Response Time

INPUT LAG is the amount of time it takes for an image to go from the cable on the back of the monitor to the screen. INPUT LAG is a critical factor for real-time video games because high lag time leads to player confusion, disorientation, and dissatisfaction. INPUT LAG is easily measurable and the effects are obvious.

GAME MODE is a special setting on certain LCD TV's and monitors that minimizes INPUT LAG.

RESPONSE TIME is a marketing term referring to how little ghosting is on the screen. Lower response time means less ghosting. However, in order to minimize RESPONSE TIME, the LCD firmware will generally increase INPUT LAG. To further reduce ghosting, many displays have a DYNAMIC MODE, which makes the INPUT LAG even higher.

Other manufacturers' video games may not require GAME MODE because they do not have the real-time, high reflex action required from Big Buck HD. In other words:

If there is some delay between rolling a trackball and the golfer swinging, it does not lead to disorientation or confusion. However, suppose a player swings the gun from the left side of the screen to the right and fires a shot. If the shot shows up on the left side of the screen, the player will be understandably upset.

Summary

GAME MODE is mandatory for Big Buck HD to minimize INPUT LAG

RESPONSE TIME has nothing to do with INPUT LAG

DYNAMIC MODE increases INPUT LAG (makes it worse)

BIG BUCK HD LCD SELECTION GUIDE

Purchasing a Monitor

Which 1080p Monitor Should You Buy?

Generally speaking, the value brands should be avoided. They typically do not offer GAME MODE and have poor color reproduction as well. The value brands to avoid are **Westinghouse, Dynex, Vizio, RCA** and **Insignia**. Some of these monitor manufacturers support GAME MODE but you should be careful and check the manual.

There are many quality LCD manufacturers that offer GAME MODE: **Sharp, Samsung, LG, Panasonic, Toshiba, Sony, Philips**. Note that not all monitors offered by these manufacturers have GAME MODE. Refer to the monitor's manual for confirmation.

As of April 2012, the price difference between the least-expensive 42" LCD TV and the least expensive TV with GAME MODE is \$100. There is a similar price differential between 55" LCD TV's.

How Do You Determine If Your Monitor Supports GAME MODE?

1. Visit the manufacturer's website.
2. Locate the "Support" or "Product Support" page.
3. Type in as much of the model number of the LCD as possible (hint: the model number usually contains the screen size, e.g. "LC42SV49U". Do not use the retailer's SKU)
4. Look for a link to "Downloads", or just locate the "User's Manual"
5. Open the User's Manual (an Adobe PDF File)
6. Using Acrobat (or the viewer inside your browser), search for "GAME MODE".
If the manual states that GAME MODE is an option, the monitor is ok.
7. If there is no result for GAME MODE, check the manual for "Picture Settings".
Under picture settings, if there is a "GAME" setting, the monitor is ok.
Note that information about a GAME input does not imply there is a GAME MODE

BIG BUCK HD LCD SELECTION GUIDE

Additional Help

Helpful Websites

<http://www.insigniaproducts.com/support.html>

<http://www.dynexproducts.com/support.html>

<http://www.sharpusa.com/CustomerSupport.aspx>

Monitors Raw Thrills Has Qualified for Production

42" Panasonic Viera TC-L42U30

42" LG 42LK450

47" LG 47LH40

55" Toshiba 55G310U

55" SONY KDL55BX520

80" SHARP AQUOS

To Find a Laggy Monitor (and Quantify Lag):

Take a video card with two outputs, run one (VGA) into a CRT, run the other into an LCD.

Then put the display card into "clone display" mode, so it will show the same exact data on both monitors.

Then, run the following: <http://tft.vanity.dk/inputlag.html>

Get a digital camera, set the MAX exposure (min time)

Snap a picture of BOTH screens at the same time

The differential in time showing on the screens will show lag

BIG BUCK HD

SALES MANUAL



Play Mechanix™