

# **DRAKE** **DIGITAL**

*Everywhere You Want to Go.*

Headquartered in Ohio, Drake is an American cable TV institution, designing and building innovative end-to-end communications systems and video engineering components for over 70 years. Drake headends are deployed in demanding locations worldwide with commercial, government, and MSO customers of all sizes using Drake systems. Drake arms multichannel service providers with the technical solutions they need to effectively compete in residential, enterprise, and hospitality environments.

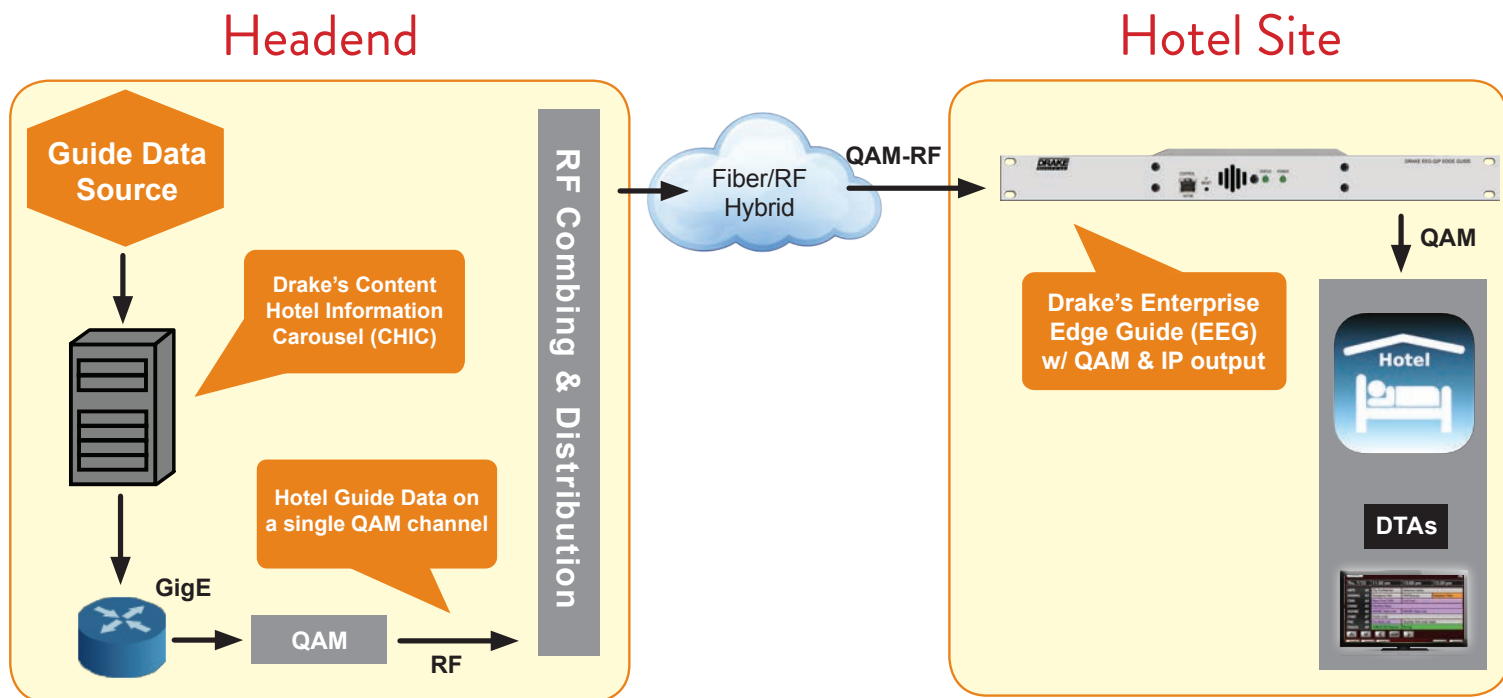
*Hotel Guide Channel Solution*

[www.rldrake.com](http://www.rldrake.com)



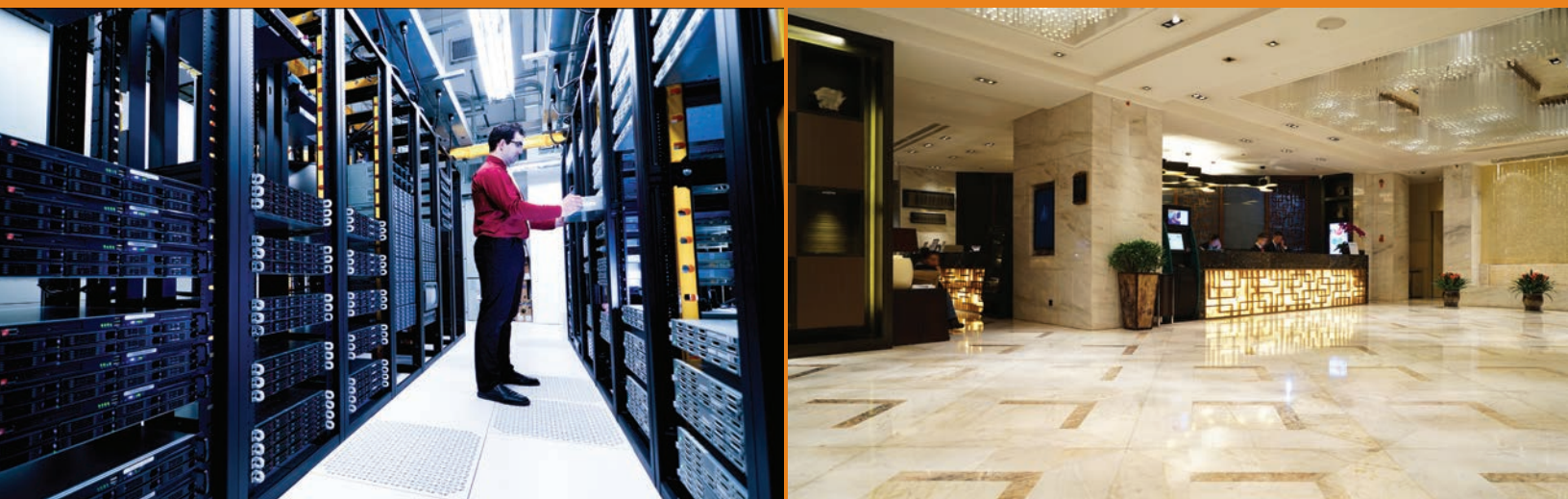
# Increase Revenue, and Forget the Hassle of Paper TV Guides

A Custom Hotel Guide Channel controlled by the room's TV remote, allows guests to easily find their favorite TV content through grid-based listings.



## Delivery Via QAM RF

By logging into the web-based GUI of the Custom Hotel Guide Channel the operator can easily add logos, images, text, or banner ads for **local advertising** in the "Footer" section of the hotel guide channel. The Cable operator customizes the "Header" section of the hotel guide channel.

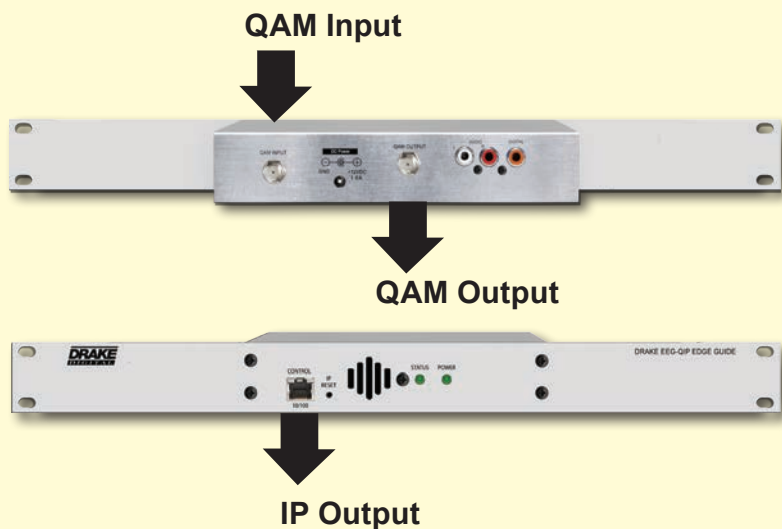




The **Custom Hotel Guide Channel** allows for a content Service Provider to offer a custom flip-page hotel-guide channel for a Hotel's unique channel-lineup, giving the hotel opportunities for **branding** and **revenue** by local ad insertion.

## EEG-QIP Item #: 1002609

Enterprise Edge Guide with QAM & IP Output



## EEG-QIP-D Item #: 1002614

Desktop Conversion Kit

## CHIC Item #: 1002612

Content Hotel Information Carousel



## Benefits

- Increase revenue by selling ad space to local businesses
- Customize the hotel guide channel with logos, images, text, or jpeg banner ads
- Improve hotel TV service experience
- Reduce demand on network by decreasing channel surfing, making favorite programs easy to find
- Save on operational impact, no 3rd party, cost-effective solution

## Features

- Eight channel listings per flip-page display
- Page-timing selectable between 5-25 seconds (1 second intervals)
- Supports major and minor channels
- Supports any color customization
- Can be displayed on TV's without set-tops
- Guide source data is QAM modulated for RF delivery over hybrid fiber/coax plant to the Hotel

# CHIC Item #: 1002612 Content Hotel Information Carousel

## SERVER HARDWARE RECOMMENDATIONS

Operating System: Red Hat Enterprise Linux  
6.2, CentOS 6.2 (32-bit)  
Memory (RAM): 4GB  
Available Hard Drive Space: 1GB  
Ethernet: 10/100/1000 Mbps

## OUTPUT

**IP**  
IP Distribution Method: Unicast, multicast  
IP Protocol: UDP  
IP Stream Destination: User-assigned IP/port  
Number of EEG-QIP Units Supported: 20

## STREAM

Number of transport streams: 1 containing DSM-CC  
Output Bitrate: Constant (19.39Mbps),  
variable (1Mbps-18Mbps)  
Transport Stream ID: User-assigned  
Program Number: User-assigned  
PMT PID: User-assigned  
DSM-CC PID: User-assigned  
OUI: User-assigned

## MONITORING/CONTROL:

Remote Monitoring/Control: GUI-based menu via Web Browser

# EEG-QIP Item #: 1002609

## Enterprise Edge Guide with QAM & IP Output

### INPUT

QAM: Connector: 1x "F" Female  
Standard: ITU-T J.83 - Annex A & B (64 and 256 QAM)  
Tuning Range: CATV CH. 2-135  
Data Rate: 38.8 Mbps (QAM256); 26.87 Mbps (QAM64)  
Auto Detect (ANNEX B)  
Bandwidth: 6 MHz  
Power Level Range: -15 to +20 dBmV (@QAM256),  
-20 to +20 dBmV (@QAM64)  
Impedance: 75 Ohm

### OUTPUT

QAM: Connector: 1x "F" Female  
Modulation: QAM 16, 32, 64, 128, and 256  
Standard: ITU-T J.83 - Annex A & B  
DVB Symbol Rate: Variable up to 7MSymbol/Sec (MBAud)  
Frequency Range: 54 to 1002 MHz  
Tuning Range: CATV Channel Selectable (Ch. 2-158)  
RF Level: +40 dBmV  
RF Level Adjustment Range: +32 to +42 dBmV

IP (10/100): Connector: 1xRJ45 (Front Panel)  
Standard: 10/100Base-T Ethernet  
UDP/RTP: Support (User-Selectable)  
Address Assignment: 1xIPV4 Address  
UDP SPTS

### VIDEO

OUTPUT VIDEO: 720p (1280x720 @ 60FPS)  
VIDEO FORMAT: MPEG-2

### AUDIO INPUT

AUDIO: Analog Left and Right; Digital

### PHYSICAL SPECIFICATIONS

TEMPERATURE RATING: 0 - 50° C Ambient  
FORM FACTOR: 19" Rack Mount  
DIMENSIONS: Approximately 13"D X 1.75"H X 19"W  
WEIGHT: 1.15 lbs  
POWER REQUIREMENTS: 12 VAC @ 1.6A



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