

Add DIRECTV HD Programming To Your Lodging & Institution Satellite Television Systems



Introducing the new Technicolor COM3000 System!

COM3000

Commercial Satellite Video Management System For Lodging and Institutions

Features at a Glance

- From 8 to 138 channels of HD content in one chassis
- Pro:Idiom™ or Pro:Idiom™ Mobile content protection for HD broadcasts
- Two QAM20 slots for up to 96-channels of QAM output
- Interactive On-screen Program Guide at no extra cost, when used with an approved set top box
- Simultaneous QAM or IP output for a variety of applications
- Less than 225 watts of power consumption measured on a typical 69 channel system
- Remote management & configuration
- Flexible COM51 Tuner license for improved per channel cost in various configurations



Compact Form Factor

The COM3000 offers from 8 to 138 channels of HD Reception and two integrated EdgeQAM's in only 3 units of rack space. This compact design also results in dramatic power savings from typical stacked receiver solutions.

Pro:Idiom™ & Pro:Idiom™ Mobile Encryption

For High-Definition solutions which require encryption, the COM51 HD receiver blades include options for Pro:Idiom™ and Pro:Idiom™ Mobile encryption of the HD content which can be played back on any Pro:Idiom™ or Pro:Idiom™ Mobile device.

Integrated EdgeQAM's

Available as a plug-in module, the QAM20 and available SWQAM2 licenses reduce overall system cost and simplify the installation and maintenance for the COM3000. The two QAM20 slots in the new COM400 chassis support up to 96 channels of QAM output.

Interactive Program Guide & PSIP Data

When used with a set top box, The COM3000 can generate a guide including external channels at no additional monthly room charge to the property. The COM3000 can also deliver PSIP data in an "On Now/ On Next" format for TV banners to display program data for content being played. Channel names and custom channel numbers can also be set and displayed through this PSIP data.

Remote Management

The COM3000 including all the receiver blades and EdgeQAM can be managed and monitored remotely over the internet or local network using a simple web-browser based management interface.

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Core Components



COM400 Chassis

- New chassis design with integrated 10 Gigabit Ethernet backplane
- Less than 225W power consumption (for a standard 69 channel system)
- Integrated dual cooling exhaust fans
- 3RU Chassis, (5.25"H x 19"W x 13"D)
- Holds up to 6 COM51 or COM51A-NTSC blades
- Holds up to 2 QAM20 EdgeQAM modulators



COM51 Tuner Blade & SWCOM51 Upgrade Licenses

- COM51 Base units contain 8 integrated tuners
- SWCOM51 Single tuner licenses can be purchased to increase the blade capacity to 23 tuners
- UDP/RTP Video outputs
- Pro:Idiom™ content protection
- Pro:Idiom Mobile™ content protection
- 2 DSWM Inputs
- LED Status indicators



COM51A-NTSC Tuner Blade & SWCOM51A-NTSC Upgrade Licenses

- COM51A-NTSC Base units contain 8 integrated tuners
- SWCOM51A-NTSC Single tuner licenses can be purchased to increase the blade capacity to 23 tuners
- Output only to NTSC-8 units
- Firmware upgradeable to support encrypted HD output to IP or QAM
- UDP/RTP Video outputs
- 2 DSWM Inputs
- LED Status indicators



QAM20 EdgeQAM Modulator & SWQAM-2 Upgrade Licenses

- QAM20 Base units contain 16 QAM channels
- SWQAM-2 Two channel licenses can be purchased to increase the modulator capacity to 48 channels
- Supports up to 3 HD or 8 SD programs per QAM channel
- Able to mix HD and SD content on any QAM channel
- Accepts MPEG over IP content from external sources