COM2000

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Commercial Satellite Video Management System

For Lodging and Institutions

SATELLITE
VIDEO

Technicolor, world-wide leader in video technologies, presents the COM2000 High-Definition and Standard-Definition satellite headend solution designed specifically to serve the Hospitality "Free-to-Guest" market.

Compact Form Factor

The COM2000 offers up to 48 channels of HD or SD video 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™ and LYNK™ Copy Protection

For High-Definition solutions which require encryption, the COM46 HD receiver blades include options for Pro:Idiom™ or LYNK™ (*) encryption of the HD content which can be played back on any Pro:Idiom™ or LYNK™ enabled receiver device or Television.

(*) LYNK™ encryption requires a Samsung LYNK™ key server.

Integrated EdgeQAM's

Available as a plug-in module, the QAM6 and available SWQAM2 licenses reduce overall system cost and simplify the installation and maintenance for the COM2000. The two QAM6 slots in the new COM360 chassis support up to 24 channels of QAM output.

On-Screen Program Guide & PSIP Data

The COM2000 is the only head-end based Free-to-Guest solution that includes a no additional charge on-screen channel guide which is configurable with your unique logo.
The COM2000 also delivers 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 COM2000 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.

Features at a Glance

- Up to 48 channels of HD or SD content in one chassis
- Pro:Idiom™ or LYNK™ content protection for HD broadcasts
- Two QAM6 slots for up to 24-channels of QAM output
- Configurable On-screen, scrolling program guide
- QAM or IP output for a variety of applications
- Less than 225 watts of power consumption
- Remote management & configuration
- Supports Multiple Chassis configurations for high channel count applications

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COM2000 Product Summary

- New COM360 chassis for both HD and SD channels
- Typically less than 225W power consumption fully loaded
- Can be daisy-chained for higher channel count installations
- Integrated dual cooling exhaust fans
- Chassis Dimensions: 3RU (5.25"H x 17"W x 13"D)
- 6 x COM46, COM46-FLX, COM24 or COM24-FLX blade slots
- Integrated Gigabit Ethernet backplane with 2 Gigabit Ethernet external connections
- Hot swappable receiver blades

COM2000 Components

COM46 – HD and SD Receiver Blade

- 8 HD or SD channels
- MPEG2 and MPEG4 support
- UDP/RTP Video Outputs
- Zenith Pro: Idiom™ content protection
- Samsung LYNK™ content protection
- 1 RF SWM input
- LED Status Indicators
- DIRECTV™ SWM compatible

COM46-FLX-SD Receiver Blade

- 8 SD channels
- Firmware upgradeable to support encrypted HD output
- MPEG2 and MPEG4 support
- UDP/RTP Video Outputs
- Zenith Pro: Idiom™ content protection
- Samsung LYNK™ content protection
- 1 RF SWM input
- LED Status Indicators
- DIRECTV™ SWM compatible

QAM6-6x256 EdgeQAM

- DIRECTV™: Supports up to 3 HD programs or 8 SD program per QAM channel
- Able to mix HD and SD content on any QAM channel
- Accepts MPEG over IP content from external sources
- Software purchase available to upgrade to 8-channel, 10-channel or 12-channel QAM

DCI401MCS-Pro:Idiom™ Security Terminator

- HDMI Output of Pro:Idiom™ protected content
- Small-Form Factor (4.33" x 0.96" x 3.19")
- Analog RF output on channel 3 or 4 of SD or HD In-the-Clear programming
- RF Remote Control to allow for flexible mounting options
- Programmable IR commands to control TV power and volume

ATSC-8 Over-the-Air ATSC tuner

- Receives local Over-the-Air channels not available from DIRECTV™
- IP output to a Technicolor COM system
- 8 available ATSC digital tuners

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