technicolor

FEEL THE WONDER

COM3000

Commercial Satellite Video Management System
For Lodging and Institutions

Technicolor, world-wide leader in video technologies, presents the next generation COM3000 High-Definition satellite headend solution designed to serve the Hospitality "Free-to-Guest" and other markets.

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™ and 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 such as the UCW4026MCS, 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.
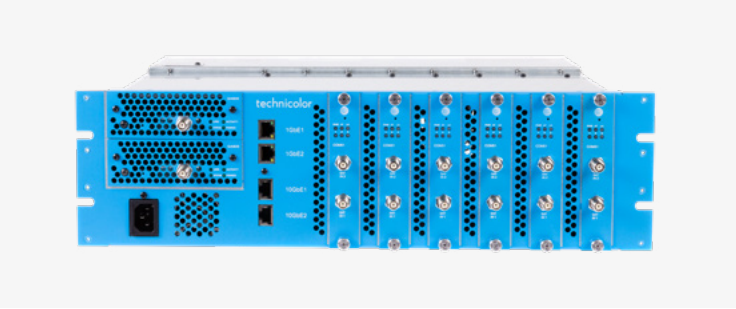
Features at a Glance

- 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, when used with an approved set top box, at no additional cost
- 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

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COM3000 Product Summary

- New COM400 chassis with managed switch
- Less than 225W power consumption for 69-channel system
- Flexible COM51 Tuner license for improved per channel costs in various configurations

- Integrated dual cooling exhaust fans
- Chassis Dimensions: 3RU (5.25"H x 17" W x 13"D)
- 6 x COM51, COM51A, COM46, COM46A or COM46-FLX blade slots

- Integrated 10 Gigabit Ethernet backplane with 2 10 -Gigabit & 2 1-Gigabit Ethernet external connections
- Hot swappable receiver blades

COM3000 Components

COM51 – HD Receiver Blade

- 8 to 23 HD channels
- MPEG2 and MPEG4 support
- UDP/RTP Video Outputs

- Pro: Idiom™ content protection
- Pro:Idiom Mobile™ content protection
- 2 RF SWM or Digital SWM inputs

- LED Status Indicators
- Add up to 15 SWCOM51 Tuner Licenses
- DIRECTV™ SWM compatible

COM51A Receiver Blade

- 8 to 23 HD channels
- HD output only to NTSC-8
- Firmware upgradeable to support encrypted HD output to IP or QAM

- MPEG2 and MPEG4 Support UDP/RTP Video Outputs
- 2 RF SWM or Digital SWM inputs

- LED Status Indicators
- DIRECTV™ SWM compatible

QAM20-16X256 EdgeQAM

- DIRECTV™: Supports up to 3 HD programs 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

- 2 Channel software license purchases available to upgrade to a maximum of 48 total QAM channels

UCW4026MCS-Android Commercial Set Top Box

- OTT Android with DVB support
- QAM or IP input

- MS-PlayReady & Widevine OTT security, Pro:Idiom Mobile for broadcast
- IR or Bluetooth Remote Control to allow for flexible mounting options

- Multi-protocol Interface to commercial televisions
- IR blaster / extender jack

NTSC-8 eight-channel NTSC RF modulator

- Adds analog output to COM2000 or COM3000 systems

- No additional receiver Cards needed

- Agile modulation

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