



COM1000

High-Definition and Standard-Definition
Satellite Free-to-Guest Head End



Technicolor, world-wide leader in video technologies, presents the COM1000 High-Definition and Standard-Definition satellite headend solution designed specifically to serve the Hospitality “Free-to-Guest” market.

Compact Form Factor

The COM1000 offers up to 24 HD channels or 36 SD channels and an EdgeQAM in only 4 units of rack space. This compact design also results in dramatic power savings from typical stacked receiver solutions.

Pro:Idiom™ Copy Protection

For High-Definition solutions which require copy protection, the COM24 HD receiver blade adds Pro:Idiom encryption to the HD content which can be played back on any Pro:Idiom enabled receiver device or Television.

Integrated EdgeQAM

Available as a plug-in module for the COM200 chassis, the QAM24 reduces overall systems costs and simplifies the installation and maintenance for the COM1000.

On-Screen Program Guide

The COM1000 is the only Free-to-Guest solution including an on-screen channel guide which is configurable with your unique logo.

Remote Management

The COM1000 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

- 24 HD channels, 36 SD channels or a mix of SD and HD in one chassis
- Pro:Idiom™ content protection for HD broadcasts
- Integrated EdgeQAM with configurable outputs. Available as 6, 8, 10 or 12 channels
- Configurable On-screen program guide
- QAM or IP output for a variety of applications
- Less than 320 watts power consumption
- Remote Management & Configuration
- Supports Multiple Chassis configurations for high channel count applications

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COM1000 Product Summary

- One chassis for both HD and SD channels
- Less than 320W power consumption fully loaded
- Can be daisy-chained for higher channel count installations
- Integrated dual cooling exhaust fans
- Chassis Dimensions: 4RU (7"H x 17"W x 13"D)
- 12 COM24 or COM24-FLX blade slots
- Ships with Ethernet Output slot
- Hot swappable receiver blades
- Integrated Fast Ethernet backplane with Gigabit Ethernet external connection
- Redundant power supplies

COM1000 Components



COM24 -HD Receiver Blade

- 2 HD channels
- MPEG2 and MPEG4 support
- UDP/RTP Video Output
- Pro:Idiom™ content protection
- 2 RF inputs, 1 Fast Ethernet
- 2 Tuner Lock LEDs, 1 Power LED
- SWM compatible



COM24-FLX-HD Capable Receiver Blade

- 2 HD channels or 3 SD channels
- Firmware upgradeable to support Pro:Idiom™ content protection
- UDP/RTP Video Output
- 1 RF input, 1 Fast Ethernet
- 3 Tuner lock LEDs
- SWM compatible



QAM6-6x256 EdgeQAM

- DIRECTV: Supports up to 12 HD program streams or 48 SD program streams
- Able to mix HD and SD content
- Will accept MPEG over IP content from external sources
- Fits into COM200 Ethernet Output slot
- Software purchase available to upgrade to 8-channel, 10-channel or 12-channel QAM



DCI401MCS-Pro:Idiom™ to Security Terminator

- HDMI Output of Pro:Idiom™ protected content originated on a COM1000
- 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 the COM1000 system
- 8 available ATSC digital tuners
- May require GbE-1 card in slot-1 to accept IP input