

DM-TX-300N-F

DigitalMedia™ Fiber Transmitter 300N

The DM-TX-300N-F is a DM® Fiber transmitter and switcher that offers a versatile interface for computers and high-definition AV sources as part of a complete Crestron® DigitalMedia™ system. Compact and rack-mountable, the DM-TX-300N-F connects to the head end or display location using multimode fiber optic cable. It provides HDMI®, DVI, VGA, S/PDIF, and analog video and audio inputs, plus Ethernet, RS-232, and IR control ports for a total connectivity solution.

Installed in a stationary podium or equipment rack, the DM-TX-300N-F provides an ideal solution for integrating rack-mounted sources, switchers, and AV receivers into the DigitalMedia system. Mounted in a movable lectern or AV cart, or just as a portable device, it affords a simple means for connecting laptops, cameras, and other portable sources at any number of wall plates and floor boxes throughout a conference center or auditorium, requiring just a single DM Fiber connection (MP-WP186) at each location.

DigitalMedia™ Fiber

As the leader in HDMI and control system technologies, Crestron developed DigitalMedia (DM) to deliver the first complete HD AV distribution system to take HDMI to a higher level. DigitalMedia allows virtually any mix of HDMI and other AV sources to be distributed throughout a home, office, school, or virtually any other facility. DigitalMedia Fiber distributes uncompressed digital video and audio signals up to 1000 feet (300 m) using multimode fiber optic cable^[1].

Multimedia Computer/AV Interface

The DM-TX-300N-F provides versatile switching among three different video and audio sources. The inputs can be selected manually from the front panel or through a Crestron control system. Inputs include:

- **HDMI** — Supports HD 1080p60 video and WUXGA computer signals with HDCP and multi-channel lossless audio. Also handles DisplayPort Multimode signals using an appropriate adapter or interface cable.
- **DVI-I** — This input handles DVI and analog RGB signals up to WUXGA 1920x1200 pixels, as well as analog video up to 1080p60^[2]. A stereo audio input is included to accommodate the analog audio signal from a balanced or unbalanced line-level source.
- **Video** — This multi-format video input accepts analog YPbPr component video signals up to 1080p60, as well as standard definition NTSC/PAL composite and S-Video. A choice of S/PDIF digital audio or stereo unbalanced line-level audio inputs is included^[3c].

Note: Audio breakaway capability enables virtually any audio input to be used with any video input.^[3]

A single DM Fiber output is provided for connection to a DM switcher or receiver.^[1] Used with a single DM Fiber Receiver/Room Controller and optional Crestron Control System, the DM-TX-300N-F affords a simple solution for extending a multimedia computer or AV signal to a single display up to 1000 feet (300 m) away^[1]. As part of a larger system using a DM-MD series switcher, multiple DM-TX-300N-Fs may be installed to enable the distribution of several sources at different locations to feed multiple displays throughout any room or larger facility.

An HDMI output is also included to feed a local monitor. The HDMI output may be set to follow the DM output or to provide a constant



pass-through signal from the DVI-I input.

EDID Format Management

The DM-TX-300N-F allows for management of the EDID (Extended Display Identification Data) information that passes between the display devices and input sources in the system. Using Crestron Toolbox™ software, the format and resolution capabilities of each device can be assessed and managed through the DM-TX-300N-F, ensuring reliable operation by instructing sources to output only the resolutions and formats that can be handled by the displays and system wiring.

LAN Connectivity

Along with high-definition AV and control, DigitalMedia also integrates high-speed Ethernet networking for a total signal distribution solution. The DM-TX-300N-F includes a 10/100 Ethernet port, providing a convenient LAN connection for a local network device.

Embedded Device Control

The primary objective of every Crestron system is to enable precisely the control desired for a seamless user experience. The DM-TX-300N-F includes built-in IR, RS-232, and Ethernet control ports to allow programmable control of the devices connected to it. But, it can also provide an alternative to such conventional control methods by harnessing the CEC (Consumer Electronics Control) signal embedded in HDMI. Through its connection to the control system, the DM-TX-300N-F provides a gateway for controlling the connected source device right through the HDMI connection, potentially eliminating the need for any dedicated control wires or IR emitters.

Compact and Versatile

The DM-TX-300N-F is designed to be placed on a shelf or mounted in an equipment rack or lectern. It is compact enough to fit inside a presentation lectern or beneath a table. An array of indicators on the front of the DM-TX-300N-F provides for easy setup and troubleshooting. Advanced configuration is enabled through Crestron Toolbox software.

A Digital Upgrade for Legacy Systems

The DM-TX-300N-F also affords a perfect signal converter for integrating DigitalMedia with analog-based systems like Crestron MPS, QuickMedia®, and the CEN-RGBHV Series. A simple HD15 VGA cable

DM-TX-300N-F DigitalMedia™ Fiber Transmitter 300N

connected between the output of an MPS system and the DVI-I input of the DM-TX-300N-F allows every RGB, component, S-Video, and composite video input on the MPS to be converted to DigitalMedia^[2]. Analog audio is converted similarly through a balanced stereo audio cable.

Please refer to the DigitalMedia Resources Webpage at <http://www.crestron.com/dmresources/> for additional design tools and reference documents.

- > DigitalMedia™ Fiber transmitter and multimedia interface
- > Built-in 3x1 AV switcher with front panel input selection and audio-breakaway^[3]
- > QuickSwitch HD® technology achieves fast, reliable switching
- > DM® Fiber output supports up to 1000 ft (300 m) cable length^[1]
- > Provides HDMI®, DVI, RGB, and multi-format analog video inputs
- > Also supports DisplayPort Multimode sources^[4]
- > Includes balanced/unbalanced analog and S/PDIF audio inputs
- > Includes a local HDMI monitor output
- > Handles HD video with HDCP
- > Handles Dolby Digital®, DTS®, and uncompressed 7.1 linear PCM audio
- > Detects and reports detailed video and audio input information
- > Performs automatic AV signal format management via EDID
- > Provides a 10/100 Ethernet connection
- > Enables device control via CEC, IR, RS-232, and Ethernet
- > Allows quick, easy setup and diagnostics
- > Single-space 19-inch rack-mountable
- > Includes external universal power pack

SPECIFICATIONS

Video

Switcher: 3x1 combination digital/analog switch, Crestron QuickSwitch HD®

Input Signal Types: HDMI®, DisplayPort Multimode^[4], DVI, RGB, component (YPbPr)^[2], S-Video (Y/C)^[2], composite^[2]

Output Signal Types: DM® Fiber (DigitalMedia™ over multimode fiber optic cable), HDMI, DVI^[4]

Formats: HDMI, DVI, HDCP content protection support, computer up to UXGA/WUXGA, HD up to 1080p60, NTSC or PAL

Input Resolutions, HDMI & DVI, Progressive: 640x480@60Hz, 720x480@60Hz (480p), 720x576@50Hz (576p), 800x600@60Hz, 848x480@60Hz, 852x480@60Hz, 854x480@60Hz, 1024x768@60Hz, 1024x852@60Hz, 1024x1024@60Hz, 1280x720@50Hz (720p50), 1280x720@60Hz (720p60), 1280x768@60Hz, 1280x800@60Hz, 1280x960@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1365x1024@60Hz, 1366x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1080@24Hz (1080p24),

Input Resolutions, RGB: 640x480@60Hz, 720x480@60Hz (480p), 720x576@50Hz (576p), 800x600@60Hz, 848x480@60Hz, 1024x768@60Hz, 1280x720@50Hz (720p50), 1280x720@60Hz (720p60), 1280x768@60Hz, 1280x800@60Hz, 1280x960@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1366x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1080@50Hz (1080p50), 1920x1080@60Hz (1080p60), 1920x1200@60Hz, 2048x1152@60Hz

Input Resolutions, Component: 480i, 576i, 480p, 576p, 720p50, 720p60, 1080p24, 1080i25 (1125 lines), 1080i30, 1080p30, 1080p50 (1125 lines), 1080p60

Input Resolutions, Composite and S-Video: 480i, 576i

Output Resolutions: Matched to inputs

Analog-To-Digital Conversion: 10-bit 165 MHz per each of 3 channels

Audio

Switcher: 3x1 combination digital/analog switch, limited audio breakaway^[3]

Input Signal Types: HDMI, DisplayPort Multimode^[4], S/PDIF coaxial, analog stereo

Output Signal Types: DM Fiber, HDMI

Formats, HDMI & SPDIF: Dolby Digital®, Dolby Digital EX, DTS®, DTS-ES, DTS 96/24, 2ch PCM

Formats, HDMI only: Up to 8ch PCM

Formats, Analog: Stereo 2-channel

Analog-To-Digital Conversion: 24-bit 48 kHz

Input Level Compensation (analog): ±10 dB

Performance (analog): Frequency Response: 20Hz to 20kHz ±0.75dB

S/N Ratio: >90dB, 20Hz to 20kHz A-weighted

THD+N: <0.05% @ 1kHz

Stereo Separation: >90dB

Communications

DigitalMedia: DM Fiber, HDCP management, EDID format management, CEC

Ethernet: 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP

Connectors

HDMI OUT: (1) 19-pin Type A HDMI female;

HDMI digital video/audio output, also supports DVI^[4];

Carries same audio and video signals as DM OUT, or same signal as DVI-I input

DVI-I IN: DVI-I female (or DB15HD female via adapter included);

DVI, RGB (VGA), component, S-Video, or composite video input^[2];

Analog Formats: RGBHV, RGBS, RGsB, YPbPr, Y/C, NTSC, PAL;

Analog Input Levels: 0.5 to 1.5 Vp-p with built-in DC restoration;

Analog Input Impedance: 75 Ohms;

Analog Sync Input Type: Autodetect RGBHV, RGBS, RGsB, YPbPr;

Analog Sync Input Level: 3 to 5 Vp-p;

Analog Sync Input Impedance: 1k Ohms

AUDIO IN (BALANCED): (1) 5-pin 3.5mm detachable terminal block;

Balanced/unbalanced stereo line-level inputs;

Balanced Input Level: 4 Vrms maximum;

Unbalanced Input Level: 2 Vrms maximum

Input Impedance: 24k Ohms balanced/unbalanced;

AUDIO IN, SPDIF: (1) RCA female;

S/PDIF coaxial digital audio input;

SPDIF and UNBALANCED AUDIO IN inputs are mutually exclusive;

Input Impedance: 75 Ohms

AUDIO IN (UNBALANCED): (2) RCA female;

Unbalanced stereo line-level audio input;

UNBALANCED and SPDIF AUDIO IN inputs are mutually exclusive;

Input Level: 2 Vrms maximum;

Input Impedance: 15k Ohms

VIDEO IN: (3) RCA female comprising (1) auto-sensing multi-format analog video input;

Signal Types: Component (YPbPr), S-Video (Y/C), or composite;

Input Level: 1 Vp-p nominal;

DM-TX-300N-F DigitalMedia™ Fiber Transmitter 300N

G: (1) 6-32 screw, chassis ground lug

Controls & Indicators

PWR: (1) green LED, indicates operating power supplied via power pack
RESET: (1) recessed miniature pushbutton for hardware reset
DM LINK: (1) green LED, indicates DM link status
CNTRL: (1) red/green dual-color LED, indicates Ethernet connection and control system communication status
INPUT, HDMI: (1) green LED, indicates HDMI input is selected
INPUT, DVI-I: (1) green LED, indicates DVI-I input is selected
INPUT, VIDEO: (1) green LED, indicates VIDEO input is selected
INPUT, SELECT: (1) pushbutton, toggles through inputs
LAN (rear): (2) LEDs, green LED indicates Ethernet link status, amber LED indicates Ethernet activity
SETUP (rear): (1) red LED and (1) recessed miniature pushbutton for Ethernet setup

Power Requirements

Power Pack: 2.5 Amps @ 24 Volts DC;
100-240 Volts AC, 50/60 Hz power pack, model PW-2420RU, included

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 95 BTU/hr

Enclosure

Chassis: Metal, black finish, vented top and sides
Faceplate: Metal, black finish with polycarbonate label overlay
Mounting: Freestanding or 1U 19-inch rack-mountable (adhesive feet and rack ears included)

Dimensions

Height: 1.70 in (44 mm);
1.91 in (49 mm) with feet
Width: 17.03 in (433 mm);
19.00 in (483 mm) with rack ears
Depth: 8.83 in (225 mm)

Weight

3.6 lb (1.7 kg)

Available Models

DM-TX-300N-F: DigitalMedia™ Fiber Transmitter 300N

Included Accessories

PW-2420RU Power Pack, Desktop, 24VDC, 2A (50 Watts), Regulated, US/International [Included Quantity: 1]

Available Accessories

CRESFIBER8G-NP-SP500: CresFiber® 8G Multimode Fiber Optic Cable, 50/125 x4 breakout, non-plenum, 500 ft spool
CRESFIBER8G-NP-SP1000: CresFiber® 8G Multimode Fiber Optic Cable, 50/125 x4 breakout, non-plenum, 1000 ft spool
CRESFIBER8G-P-SP500: CresFiber® 8G Multimode Fiber Optic Cable, 50/125 x4 breakout, plenum, 500 ft spool
CRESFIBER8G-P-SP1000: CresFiber® 8G Multimode Fiber Optic Cable, 50/125 x4 breakout, plenum, 1000 ft spool
CRESFIBER-CONN-SC50UM-12: CresFiber® Fiber Optic Cable Connector (AFL Telecommunications™), SC 50µm, 12-Pack
CRESFIBER-TK: CresFiber® Termination Kit (AFL Telecommunications™)
CRESFIBER-DUAL-SC-P-1.5: CresFiber® Duplex Fiber Optic Cable Assembly, 50/125, SC, Plenum, 1.5 ft

CRESFIBER-DUAL-SC-P-6: CresFiber® Duplex Fiber Optic Cable Assembly, 50/125, SC, Plenum, 6 ft
CRESFIBER-DUAL-SC-P-12: CresFiber® Duplex Fiber Optic Cable Assembly, 50/125, SC, Plenum, 12 ft
CRESFIBER-DUAL-SC-P-20: CresFiber® Duplex Fiber Optic Cable Assembly, 50/125, SC, Plenum, 20 ft
CRESFIBER-DUAL-SC-P-30: CresFiber® Duplex Fiber Optic Cable Assembly, 50/125, SC, Plenum, 30 ft
CRESFIBER-DUAL-SC-ARMORED-P-60: CresFiber® ARMORED Duplex Fiber Optic Cable Assembly, 50/125, SC, Armored, Plenum, 60 ft
CRESFIBER-DUAL-SC-ARMORED-P-100: CresFiber® ARMORED Duplex Fiber Optic Cable Assembly, 50/125, SC, Armored, Plenum, 100 ft
CRESFIBER-DUAL-SC-ARMORED-P-200: CresFiber® ARMORED Duplex Fiber Optic Cable Assembly, 50/125, SC, Armored, Plenum, 200 ft
CRESFIBER-DUAL-SC-ARMORED-P-300: CresFiber® ARMORED Duplex Fiber Optic Cable Assembly, 50/125, SC, Armored, Plenum, 300 ft
CRESFIBER-SINGLE-SC-CLEAR-NP-30: CresFiber® CLEAR Simplex Fiber Optic Cable Assembly, 50/125, SC, Non-Plenum, 30 ft
CRESFIBER-SINGLE-SC-CLEAR-NP-60: CresFiber® CLEAR Simplex Fiber Optic Cable Assembly, 50/125, SC, Non-Plenum, 60 ft
CRESFIBER-SINGLE-SC-CLEAR-NP-100: CresFiber® CLEAR Simplex Fiber Optic Cable Assembly, 50/125, SC, Non-Plenum, 100 ft
IRP2: IR Emitter Probe
CNSP-XX: Custom Serial Interface Cable
CBL-HD-LOCK-2: Locking High-Speed HDMI® Cable, 2 ft
CBL-HD-LOCK-4: Locking High-Speed HDMI® Cable, 4 ft
CBL-HD-LOCK-8: Locking High-Speed HDMI® Cable, 8 ft
CBL-HD-LOCK-16: Locking High-Speed HDMI® Cable, 16 ft
CBL-HD-1.5: Crestron® Certified HDMI® Interface Cable, 1.5 ft
CBL-HD-3: Crestron® Certified HDMI® Interface Cable, 3 ft
CBL-HD-6: Crestron® Certified HDMI® Interface Cable, 6 ft
CBL-HD-12: Crestron® Certified HDMI® Interface Cable, 12 ft
CBL-HD-20: Crestron® Certified HDMI® Interface Cable, 20 ft
CBL-HD-30: Crestron® Certified HDMI® Interface Cable, 30 ft
CBL-DVI-1.5: Crestron® Certified DVI-D Interface Cable, 1.5 ft
CBL-DVI-3: Crestron® Certified DVI-D Interface Cable, 3 ft
CBL-DVI-6: Crestron® Certified DVI-D Interface Cable, 6 ft
CBL-DVI-12: Crestron® Certified DVI-D Interface Cable, 12 ft
CBL-DVI-20: Crestron® Certified DVI-D Interface Cable, 20 ft
CBL-DVI-30: Crestron® Certified DVI-D Interface Cable, 30 ft
CBL-HD-DVI-1.5: Crestron® Certified HDMI® to DVI Interface Cable, 1.5 ft
CBL-HD-DVI-3: Crestron® Certified HDMI® to DVI Interface Cable, 3 ft
CBL-HD-DVI-6: Crestron® Certified HDMI® to DVI Interface Cable, 6 ft
CBL-HD-DVI-12: Crestron® Certified HDMI® to DVI Interface Cable, 12 ft
CBL-HD-DVI-20: Crestron® Certified HDMI® to DVI Interface Cable, 20 ft
CBL-HD-DVI-30: Crestron® Certified HDMI® to DVI Interface Cable, 30 ft
CBL-VGA-1.5: Crestron® Certified Computer VGA Interface Cable, 1.5 ft
CBL-VGA-3: Crestron® Certified Computer VGA Interface Cable, 3 ft
CBL-VGA-6: Crestron® Certified Computer VGA Interface Cable, 6 ft
CBL-VGA-12: Crestron® Certified Computer VGA Interface Cable, 12 ft
CBL-VGA-25: Crestron® Certified Computer VGA Interface Cable, 25 ft
CBL-RCA-1.5: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 1.5 ft
CBL-RCA-3: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 3 ft
CBL-RCA-6: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 6 ft
CBL-RCA-12: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 12 ft
CBL-RCA2-1.5: Crestron® Certified RCA Stereo Audio Interface Cable, 1.5 ft
CBL-RCA2-3: Crestron® Certified RCA Stereo Audio Interface Cable, 3 ft
CBL-RCA2-6: Crestron® Certified RCA Stereo Audio Interface Cable, 6 ft
CBL-RCA2-12: Crestron® Certified RCA Stereo Audio Interface Cable, 12 ft
CBL-RCA3-1.5: Crestron® Certified RCA Component Video Interface Cable, 1.5 ft
CBL-RCA3-3: Crestron® Certified RCA Component Video Interface Cable, 3

DM-TX-300N-F DigitalMedia™ Fiber Transmitter 300N

MP-WP110-B: Media Presentation Wall Plate - Mini-DIN S-Video w/RCA Stereo Audio, Black
MP-WP110-W: Media Presentation Wall Plate - Mini-DIN S-Video w/RCA Stereo Audio, White
MP-WP120-A: Media Presentation Wall Plate - RCA Component Video w/RCA Stereo Audio, Almond
MP-WP120-B: Media Presentation Wall Plate - RCA Component Video w/RCA Stereo Audio, Black
MP-WP120-W: Media Presentation Wall Plate - RCA Component Video w/RCA Stereo Audio, White
MP-WP125-A: Media Presentation Wall Plate - RCA Component & Composite Video w/2x RCA Stereo Audio, Almond
MP-WP125-B: Media Presentation Wall Plate - RCA Component & Composite Video w/2x RCA Stereo Audio, Black
MP-WP125-W: Media Presentation Wall Plate - RCA Component & Composite Video w/2x RCA Stereo Audio, White
MP-WP130-A: Media Presentation Wall Plate - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Bulkhead, Almond
MP-WP130-B: Media Presentation Wall Plate - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Bulkhead, Black
MP-WP130-W: Media Presentation Wall Plate - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Bulkhead, White
MP-WP131-A: Media Presentation Wall Plate - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Breakout, Almond
MP-WP131-B: Media Presentation Wall Plate - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Breakout, Black
MP-WP131-W: Media Presentation Wall Plate - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Breakout, White
MP-WP140-A: Media Presentation Wall Plate - DVI-I w/Mini-TRS Stereo Audio, Almond
MP-WP140-B: Media Presentation Wall Plate - DVI-I w/Mini-TRS Stereo Audio, Black
MP-WP140-W: Media Presentation Wall Plate - DVI-I w/Mini-TRS Stereo Audio, White
MP-WP150-A: Media Presentation Wall Plate - HDMI® w/Mini-TRS Stereo Audio, Almond
MP-WP150-B: Media Presentation Wall Plate - HDMI® w/Mini-TRS Stereo Audio, Black
MP-WP150-W: Media Presentation Wall Plate - HDMI® w/Mini-TRS Stereo Audio, White
MP-WP152-A: Media Presentation Wall Plate - HDMI®, Almond
MP-WP152-B: Media Presentation Wall Plate - HDMI®, Black
MP-WP152-W: Media Presentation Wall Plate - HDMI®, White
MP-WP183-A: Media Presentation Wall Plate - Ethernet, Almond
MP-WP183-B: Media Presentation Wall Plate - Ethernet, Black
MP-WP183-W: Media Presentation Wall Plate - Ethernet, White
MP-WP186-A: Media Presentation Wall Plate - DigitalMedia™ Fiber, Almond
MP-WP186-B: Media Presentation Wall Plate - DigitalMedia™ Fiber, Black
MP-WP186-W: Media Presentation Wall Plate - DigitalMedia™ Fiber, White
MPI-WP100-120: Media Presentation Wall Plate - International Version - RCA Composite Video w/RCA Stereo Audio, White
MPI-WP100-122: Media Presentation Wall Plate - International Version - RCA Composite Video w/RCA Stereo Audio, Anthracite
MPI-WP120-120: Media Presentation Wall Plate - International Version - RCA Component Video w/RCA Stereo Audio, White
MPI-WP120-122: Media Presentation Wall Plate - International Version - RCA Component Video w/RCA Stereo Audio, Anthracite
MPI-WP130-120: Media Presentation Wall Plate - International Version - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Bulkhead, White
MPI-WP130-122: Media Presentation Wall Plate - International Version - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Bulkhead, Anthracite
MPI-WP131-120: Media Presentation Wall Plate - International Version - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Breakout, White
MPI-WP131-122: Media Presentation Wall Plate - International Version - DB15HD Computer VGA w/Mini-TRS Stereo Audio, Breakout, Anthracite
MPI-WP150-120: Media Presentation Wall Plate - International Version -

3. Audio breakaway capabilities and limitations: a) SPDIF/UNBALANCED AUDIO IN and BALANCED AUDIO IN may each be switched freely regardless which video input is selected. b) HDMI IN audio may be switched freely except when the VIDEO IN input is selected. c) SPDIF and UNBALANCED AUDIO IN inputs are mutually exclusive. d) Front panel INPUT SELECT control switches BALANCED AUDIO IN with DVI-I IN video, SPDIF/UNBALANCED AUDIO IN with VIDEO IN, and HDMI IN audio with HDMI IN video.

4. HDMI IN requires an appropriate adapter or interface cable to accommodate a DisplayPort Multimode signal. HDMI OUT requires an appropriate adapter or interface cable to accommodate a DVI signal. CBL-HD-DVI interface cables available separately.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

Specifications subject to change without notice. Crestron is not responsible for errors in typography or photography.

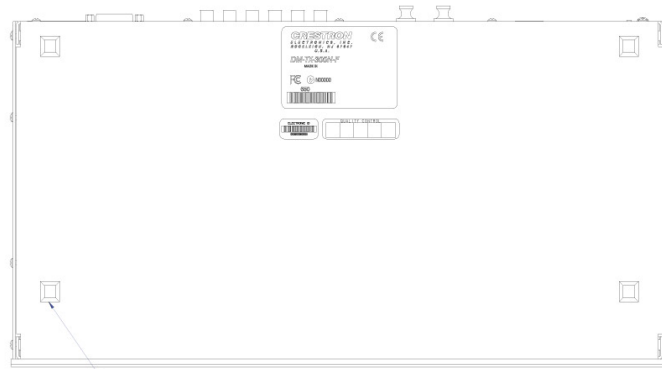
The specific patents that cover Crestron products are listed online at: patents.crestron.com.

CresFiber, Crestron, Crestron Toolbox, DigitalMedia, DM, QuickMedia, QuickSwitch HD, and the Crestron logo are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Dolby Digital is either a trademark or registered trademark of Dolby Laboratories in the United States and/or other countries. DTS is either a trademark or registered trademark of DTS, Inc. in the United States and/or other countries. HDMI and the HDMI Logo are either trademarks or registered trademarks of HDMI Licensing LLC in the United States and/or other countries. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. ©2012 Crestron Electronics, Inc.

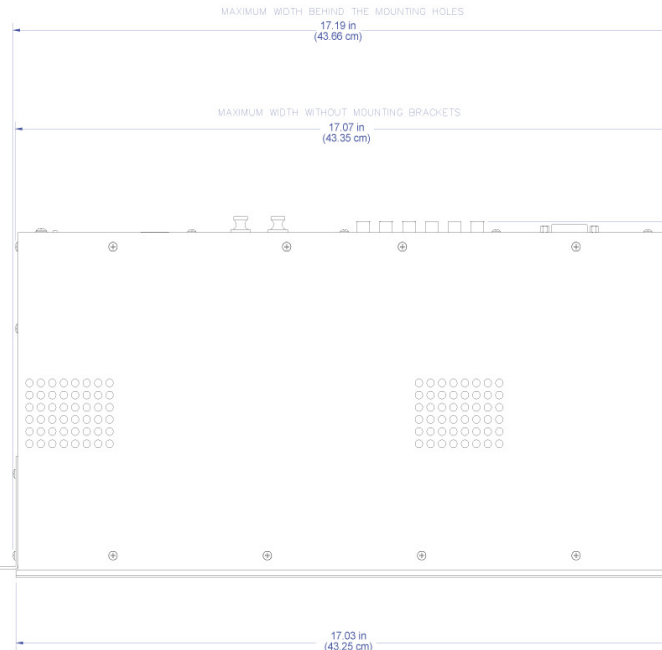
DM-TX-300N-F DigitalMedia™ Fiber Transmitter 300N



SHOWN WITH FEET



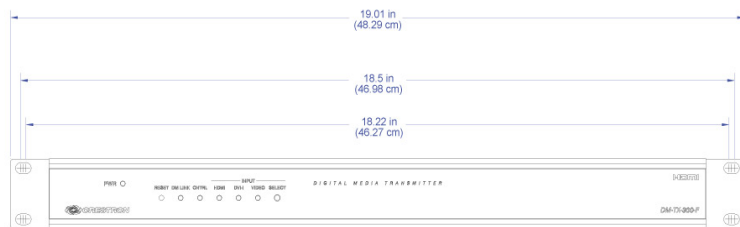
FEET OPTIONAL



SHOWN WITH MOUNTING BRACKETS

SHOWN WITH MOUNTING BRACKETS

SHOWN WITH FEET



MOUNTING BRACKETS OPTIONAL