EQUIPMENT **Proposal**

Crestron Quote #   1055506 Rev. 1

Prepared For:

CRESTRON SALES SUPPORT
6 VOLVO DR
ROCKLEIGH, NJ 07647-2507 US

Master Project:	ENTERPRISE ROOM SOLUTIONS
Project:	FREEFORM 2-8 PEOPLE
Date Created:	5/30/17
Date Expires:	8/24/17

Territory:	House
RSM:	Crestron New Business
Exec. Director:	RAY CONEYS
Prepared By:	Gary Spraker

Crestron recommends using Crestron Certified Wire and connectors; please visit www.crestron.com/wire for more information. Additionally, if you are experienced with structured cable installation and integration practices, there are alternate DM/8G Wire solutions available from other manufacturers. However, in order to achieve proper system operation, the cable you choose must meet the minimum specifications as posted within the following link:
http://www.crestron.com/downloads/pdf/product_misc/rg_wire_spec_for_dm_8g.pdf;

Crestron strongly recommends using a separate VLAN network architecture for all Crestron system ethernet/network products. This practice will allow the Crestron system to focus on the communications related to control without additional undesired interruption and delay caused by 3rd party devices that utilize high bandwidth and verbose broadcast packet transmissions. Crestron is not responsible for the design, verification and operation of IP system network/backbone communications (wired or wireless), and recommends that these services be provided by a certified specialist. For more information on IP considerations and best practices please consult the "IP Considerations Guide for the IT Professional" at www.Crestron.com or contact Crestron Sales Support Services for more assistance.

Crestron Mobile applications are a convenient compliment to any Crestron Control system. If Crestron Mobile apps will be used in the system quoted, please be aware that these apps are sold separately and are available from the Apple App Store or Android Marketplace. Please contact Crestron Sales Support Services for additional information.

Crestron recommends designing, installing, and commissioning your DM System in adherence with the following guidelines and specifications:
• "Challenges of Distributing 4K Video" white paper;
• DigitalMedia Design Guide;
• Crestron HD Digital Transport & Distribution System (HD-DTDS) Specification;
• DigitalMedia Notes and Best Practices;
• IP Considerations Guide for the IT Professional;
All of this information is available at www.crestron.com/dmresources

To find more information regarding Crestron DigitalMedia 4K products and solutions, please visit www.crestron.com/4k

For information on DM Certification courses offered by the Crestron Training Institute, including DMC-D-4k & DMC-E-4k, please visit our training website at www.crestron.com/training

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SYSTEM NOTES:

1. Please note the ZUMMESH-JBOX-16A-LV is scheduled to ship February, 2017. Price and availability subject to change.

2. Please note the ZUMMESH-AVBRIDGE is scheduled to ship February, 2017. Price and availability subject to change.

3. Please note the ZUMMESH-PIR-OCCUPANCY-BATT is scheduled to ship February, 2017. Price and availability subject to change.

4. Please note the ZUMMESH-KP10CBATT-W-S is scheduled to ship February, 2017. Price and availability subject to change.

5. This quotation is based on an internal Crestron Design request to highlight the equipment and capabilities of certain areas of the Crestron Booth shown at Infocomm 2017.

6. Purchase-Orders placed on behalf of this Proposal MUST reference the above Crestron Quote-Number:
   - Please send your PO to orders@crestron.com
   - For Government Partner related projects, please send your PO to gov.orders@crestron.com to automatically receive the benefits associated with the Crestron GSS Program.

7. This Proposal has been released under the assumption that the following information has been provided to Crestron:
   - A detailed Scope of work defining system operation, macros, page-flips, individual device functionality, and Room-Scheduling or Fusion integration requirements and functionality;
   - Final/approved/complete System Design Specifications and AV/Control-Flow Drawings;
   - Final/approved User-Interface (touchscreens, keypads, etc.) layouts and associated functional flow-diagrams;
   - Final/approved list of make/models/quantities of equipment and rooms to be controlled;

8. All Crestron hardware is quoted separately from Crestron purchasable software and licensing (i.e. Room-Scheduling, Fusion, etc.). If both Crestron hardware and software/licensing is required for your project, please ensure that you obtain separate quotes for each.

9. Prior to using this Proposal as the basis for placing a Bid or an Order, the Dealer must verify that all required equipment or software/licenses are included, and that the bill of materials shown is complete and in compliance with the design intent and functional needs of the project.

10. To the extent that any of the above information was not provided by the time this Proposal was released by Crestron, it should then be considered as a preliminary/budgetary pricing-quote for reference only, and that the equipment or software licensing shown may not constitute a complete working system that is compatible with the project requirements and customer's expectations. Also, Crestron reserves the right to revise the quoted pricing in order to cover fees for additional equipment, software/licensing, and/or services that may be needed.

11. Placing a Purchase-Order on behalf of this Proposal serves as acknowledgement by the Dealer that the bill of materials quoted is accurate and complete.

12. Unless specifically stated otherwise, all IT/Network switches, power-supplies, wiring, wireless interfaces, subnetworks, and configurations are the responsibility of the dealer in coordination with the end-customer. Also, configuration of network hardware/software for the purpose of integrating with Crestron system hardware and Room-Scheduling or Fusion Software/Servers must adhere to the recommended best practices as outlined in all corresponding Crestron product manuals, Design-Guides, and other relevant supporting documentation available on the Crestron Website.

13. Products within this quote may be part of the Autodesk SEEK Revit database website, and can be specified in designs for Building Information Modeling (BIM). Various Crestron products and system application diagrams are available on the Crestron website in both Revit and ACAD file formats.

14. This proposal contains legally privileged and confidential information intended solely for the use of the addressee. If you are not the intended recipient, you are hereby notified that any reading, dissemination, distribution, copying, or other use of this message or its attachments is strictly prohibited. This information remains property of Crestron Electronics, Inc., and is not to be distributed outside your company without expressed written permission from Crestron.

REVISION NOTES:

Revision 001 dated 5-30-2017 as per rquest from Marketing.
Adjusted product part number DM-DGE-200-C to CCS-FF-2.

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Project:	FREEFORM 2-8 PEOPLE
Master Project:	ENTERPRISE ROOM SOLUTIONS
Proposal Type:	Equipment Proposal

MSRP

Infocomm 2017

• Free Form 2-8 People	Total:	**$4,640.00**
• *Infocomm 2017 TOTAL*	**Sub Total:**	**$4,640.00**
	Grand Total:	**$4,640.00**

Crestron is not responsible for any room count errors (or resulting requirement for additional equipment and fees). If this quotation contains rooms with multiple quantities (i.e. shown as "Typical of X"), Crestron is not responsible for validating that the quantities shown on this quotation are the actual/final quantities required for this project. Prior to using this quotation as the basis for a bid or placing an order, the Dealer must verify that all room counts in this quotation are correct (and/or revise as needed). Please carefully review this quotation against the project specifications and drawings, and contact Crestron Sales Support Services for a revised quotation if there are any discrepancies in room counts, equipment models, etc..

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Infocomm 2017

Free Form 2-8 People

Crestron Hardware

Item	Qty	Model	Description	MSRP	Extended MSRP
1	1	DM-TX-4K-100-C-1 G-B-T	Wall Plate 4K DigitalMedia 8G+® Transmitter 100, Black Textured	$700.00	$700.00
2	1	CCS-FF-2	Digital Graphics Engine 200 w/PinPoint™ UX & 4K DM 8G+® Input	$3,200.00	$3,200.00
3	1	ZUMMESH-JBOX-16 A-LV	ZUM,MESH,1FD,1LV,16A,100-277V	$160.00	$160.00
4	1	ZUMMESH-AVBRID GE	ZUM,MESH,AV BRIDGE,1COM	$300.00	$300.00
5	1	ZUMMESH-PIR-OCC UPANCY-BATT	ZUM,MESH,SENSOR,LIGHT,OCCUP,PIR,CEIL SMNT,BATT	$200.00	$200.00
6	1	ZUMMESH-KP10CB ATT-W-S	ZUM,MESH,KEYPAD,STYLEC,BATT,SMTH WHT	$80.00	$80.00

Total	$4,640.00

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GENERAL NOTES
TERMS and CONDITIONS

Project:	FREEFORM 2-8 PEOPLE
Master Project:	ENTERPRISE ROOM SOLUTIONS
Proposal Type:	Equipment Proposal

GENERAL NOTES:

1. This preliminary quote is subject to submittal/review of complete AV System specifications/drawings detailing all devices to be controlled and full functional requirements. Manufacturer/Model# & control format/functionality for each device subject to verification.

2. RS-232 runs over 50' in length may require use of C2N-IO (2 or 3-series Cresnet), INET-IOEX-IRCOM (3-series wireless), CEN-CI3-1 w/C3-COM (3-series Ethernet) or 3rd-party RS232-to-RS422 converter placed at the device location. Quote subject to revision upon receipt/review of floorplan, wiring riser & equipment layout.

3. IR emitters, RS-232/Serial control interface cables and A/V interface cables to be provided by others or available at additional cost, if not already included in this quote.

4. Crestron cable (CRESNET, CRESCAT, CRESFIBER, DM and CBL-interface cables) is available at additional cost if not included in this quote.

5. IR controlled device(s) may require additional current-sensor or video-sensor for power-status sensing, or power controller for hard-switched devices; requirement subject to verification.

6. Custom system programming to be provided by others. Expert programming services are offered by our network of Crestron Services Providers (CSPs). See the website under "Partnerships – Crestron Services Providers" for a list of CSPs. While they operate as independent contractors, all CSPs have passed rigorous Crestron Programming Certification tests and have the full cooperation and support of Crestron.

7. Crestron gateways for wireless infiNET EX and Extended Range RF devices have been included as necessary; it is the responsibility of the dealer to determine the actual number of gateways and / or wireless expanders necessary for appropriate wireless coverage.

8. Crestron is not responsible for any room count errors (or resulting requirement for additional equipment and fees). If this quotation contains rooms with multiple quantities (i.e. shown as "Typical of X"), Crestron is not responsible for validating that the quantities shown on this quotation are the actual/final quantities required for this project. Prior to using this quotation as the basis for a bid or placing an order, the Dealer must verify that all room counts in this quotation are correct (and/or revise as needed). Please carefully review this quotation against the project specifications and drawings, and contact Crestron Sales Support Services for a revised quotation if there are any discrepancies in room counts, equipment models, etc..

9. Only Crestron and Crestron Connected® devices should be connected to the Control-Subnet port of a Crestron Processor that supports that feature (PRO3, AV3, CP3N). Also, since the Control-Subnet port does not support streaming content, all devices that provide streams to the LAN should always be placed on the LAN port of the processor (including Crestron streaming devices such as CAPTURE-HD, DMC-STR, DMC-STRO, NVS-200, AM-100). All other non-Crestron/third-party networked devices should be placed on the LAN port of the processor. Please see Crestron IP Considerations Guide for the IT Professional (Doc. No. 4579H) for more information.

Terms and Conditions

1. Prices and specifications in this proposal are based on information received to date.

2. Prices quoted are valid for 90 days from the date of this proposal.

3. Project Proposals being submitted in response to qualified governmental-contracts (Federal/State/Local) may be eligible for special pricing and extended expiration dates/terms. Please contact Crestron Sales Support Services for more information.

4. Crestron hardware delivery is typically 30 days or less upon order placement and credit approval.

5. Substitution of equipment with control formats that differ from those specified and/or the addition of controlled equipment may result in a change of the original proposal.

6. Engineering services, unless otherwise noted, to be provided by others or available for an additional charge on a separate proposal.

7. Please note that expert programming services are offered by our network of Crestron Authorized Independent Programmers. See http://www.crestron.com/partnerships_and_programs/crestron_authorized_independent_programmers/ for a list of CAIPs. While they operate as independent contractors, all CAIPs have passed rigorous Crestron Programming Certification tests and have the full cooperation and support of Crestron.

8. This quote is subject to revision if additional information becomes available, specification documents or drawings change or quote is past expiration date.

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Crestron Bill of Materials

Model	Qty	MSRP	Extended MSRP
CCS-FF-2	1	$3,200.00	$3,200.00
DM-TX-4K-100-C-1G-B-T	1	$700.00	$700.00
ZUMMESH-AVBRIDGE	1	$300.00	$300.00
ZUMMESH-JBOX-16A-LV	1	$160.00	$160.00
ZUMMESH-KP10CBATT-W-S	1	$80.00	$80.00
ZUMMESH-PIR-OCCUPANCY-BATT	1	$200.00	$200.00
Totals	6		$4,640.00