

**Procedura aperta soprasoglia - con aggiudicazione a favore del prezzo più basso – in 5 lotti**  
**per l'affidamento della fornitura di Attrezzatura didattica necessaria per allestire la nuova sede di Milano Scuola di Cinema e di Televisione presso la Ex Manifattura**  
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**GARA 10/2014 - Lotto 3 - CIG 5771495457 - Attrezzatura per Regia Video**

**ALLEGATO C – ATTREZZATURE PER REGIA VIDEO**

A	B	C	D	E	F
Allegato C – Articolo	Categoria	Marca e modello (a titolo esemplificativo del livello di qualità dei prodotti richiesto)	Marca e modello (richiesti obbligatoriamente per scelta didattica o per compatibilità ed uniformità dell'infrastruttura già esistente)	Specifiche minime richieste	Quantità indicativa e non esaustiva
C-1	MONITOR plasma 42"	PANASONIC TH-42PF50E		Monitor plasma 42" FULL HD 16:9, 1920 x 1080. Contrasto: 5.000.000:1. Ingressi: VGA (Mini D-sub 15pin), Composito, Component/RGB, HDMI (type A), Audio (Jack), DVI-D.	2
C-2	Supporto a parete per Monitor 42"			Adeguate al modello indicato	2
C-3	Monitor di controllo HD	SONY Oled PVM-1741		Monitor Full HD 16:9, 17". Driver del pannello: RGB a 10 bit. Input: Composito (BNC x 1, 1,0 VP-p ±3 dB, sincr. negativa), SDI (BNC x 2), HDMI (x 1), Audio (Minijack stereo x 1, -5 dBu 47 kΩ o superiore). Uscite: Composito ( BNC x 1, loop-through, con terminazione automatica a 75 Ω), SDI (BNC x1), ampiezza del segnale di uscita: 800 mVp-p ±10%, impedenza di uscita: 75 ohm non bilanciato), Audio monitor: Mini jack stereo (x1), Speaker integrato: 1 W (mono), Uscita cuffie: Mini jack stereo (x1). Controllo remoto parallelo (8 pin assegnabile); seriale remoto - LAN (connettore modulare RJ-45). Alimentazione: AC da 100V a 240V, 50/60 Hz, da 1 a 0,5A; DC 12 V 7 A. Possibilità di regolazione del bilanciamento del bianco. Supporto di montaggio (x2) (comprese 4 viti).	2
C-4	Rack Mount per Monitor controllo			Adeguati al modello indicato	2
C-5	Monitor 17" HD	Blackmagic Smartview HD-17		Monitor 17" LCD Full HD. 6RU rack mountable design. Supports SD/HD/3 Gbps SDI Formats. Resolution -1920 x 1080. 3 Gb/s SDI Video Inputs. Integrated Tally for Live Broadcast. Fully Digital Adjustments. Built-in Ethernet. Centralized Network Based Control. For Multi-monitor Installations. Free Firmware Updates.	2
C-6	Video Patch Panel 32X2 HDTV	Switchcraft MVP32K375T		Pannello commutazione 32 contatti. Contatti normalizzati. Terminazione: BNC. Montatura rack: 2 unità. Contatti placcati oro.	2
C-7	Video patch cord	Switchcraft VPC120PP0		Cavi connessione video da 30 cm.	30
C-8	Rackframe per 20 schede	Blackmagic Opengear rack		Contenitore per schede di distribuzione / conversione. Adeguato alle schede indicate. Collocabile a rack.	1

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<b>C-9</b>	<b>Redundant power supply</b>	Blackmagic OpenGear Redundant PSU		Alimentatore di emergenza adeguato al contenitore per schede indicato.	<b>1</b>
<b>C-10</b>	<b>Digital distribution amplifier</b>	Blackmagic OpenGear SDI distribution		SDI Video Input: Switchable between SD, HD and 3 Gb/s SDI. SDI Video Output: 9 outputs automatically match the SDI video input. Multi Rate Support: Auto detection of HD or standard definition inputs. Compliance: SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M and SMPTE 425M. Format: NTSC, PAL, 720p, 1080i, 1080PsF, 1080p, 2K p and 2K PsF Video Bit Rates: SDI video connections are switchable between standard definition and high definition. Multi Rate Support: Auto detection of HD or standard definition inputs. Video Sampling: 4:2:2 and 4:4:4 Color Space: YUV and RGB Auto Switching: Automatically selects between SD SDI, HD-SDI and 3 Gb/s SDI.	<b>4</b>
<b>C-11</b>	<b>Embedder</b>	Blackmagic OpenGear Audio to SDI		Embedder Audio to SDI SDI: Switchable between SD, HD and 3 Gb/s SDI SDI Redundant: Automatically switches over if main SDI input is lost SDI Output Switchable between SD, HD and 3 Gb/s SDI Analog Audio: 4 channels of professional balanced analog audio with standard 1/4 inch jack connections AES/EBU 8 channels of professional balanced digital with standard 1/4 inch jack connections Format 625/25 PAL, 525/29.97 NTSC, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080i50, 1080i59.94, 1080i60, 720p50, 720p59.94 and 720p60	<b>6</b>
<b>C-12</b>	<b>De-embedder</b>	Blackmagic OpenGear SDI to audio		De-embedder SDI to Audio Video input: Switchable between SD, HD and 3 Gb/s SDI. SDI Video Output: Automatically matches the SD, HD and 3 Gb/s SDI video input. Analog Audio: 4 channels of professional balanced analog audio with openGear™ standard 3 pin connections. AES/EBU Digital Audio: 8 channels of professional balanced digital with openGear™ standard 3 pin connections. SDI Redundant Input: Automatically switches over if main SDI input is lost. Multi Rate Support: Auto detection of HD or standard definition SDI inputs. Updates and Configuration: Via USB 2.0 high speed. (480 Mb/s) Reclocking: Yes	<b>2</b>
<b>C-13</b>	<b>Convertitore SDI-HDMI</b>	AJA HI 5		Converter SDI or HD-SDI to HDMI for driving HDMI monitors. Embedded SD/HD-SDI audio is supported in the HDMI output allowing a convenient single cable audio/video connection. 2-Channel RCA style audio outputs for separate audio monitoring if needed. Looping SD/HD-SDI output useful for connecting additional equipment, or for "daisy chaining" multiple monitors to the same SD-HD-SDI source. Full HDMI support including 10-bit video and 8 channels of embedded audio	<b>4</b>

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				Additional 2-Channel RCA jack audio output Equalized looping SD/HD-SDI output	
<b>C-14</b>	<b>Monitor 26" HD</b>	LG 26LS3590		Monitor LED 26" HD Ready (1366x768) CONNESSIONI TV: 1.4, USB 2.0, Slot CI, Uscita Cuffia, RF In, AV In, Scart Full, Ingresso Component (Y,Pb,Pr) + Audio, Uscita Audio Digitale Ottico, RGB In (D-sub 15pin) - PC, Ingresso Audio PC, LAN (Accesso Internet & DLNA), HDMI 1.4 Classe Energetica: A	<b>5</b>
<b>C-15</b>	<b>Coppie di monitor 8"</b>	Blackmagic Smartview Duo 8"		Monitor 8" pannellati a coppia. Monitor Type: TFT active-matrix LCD Resolution: 800 x 480 SDI Input: Switchable (auto-selects) between SD, HD and 3 Gb/s SDI. Reclocked loop-through output. Multi-Rate Support: Switchable (auto-selects) between SD, HD and 3 Gb/s SDI. Reclocked loop-through output SDI Format Support: 525i59.94, 625i50, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 2048x1080p/23.98, 2048x1080p/24, 2048x1080p/25, 2048x1080PsF/23.98, 2048x1080PsF/24, 2048x1080PsF/25, 2048x1556PsF/23.98, 2048x1556PsF/24, 2048x1556PsF/25. SDI Compliance: SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, and SMPTE 425M. Color Space: REC 601, REC 709 Video Sampling: 4:2:2 and 4:4:4 Color Precision: 10-bit Display Colors: 16.7 million colors Contrast Ratio: Typically 500:1 Response Time: < 15 ms Input: 2x SD/HD/3G-SDI (switchable, with auto-detection of HD/SD/2K sources); 1x USB 2.0 (480 Mb/s for updates and configuration); 1x 9-pin D-type (standard parallel connector for tally); 1x 10/100 BaseT Ethernet (for configuration) Output: 2x SD/HD/3G-SDI (loop-out); 1x 10/100 BaseT Ethernet (loop-out); Mac OS X and Windows software control	<b>4</b>
<b>C-16</b>	<b>Registratore digitale Avid DNX/Apple ProRES HQ</b>	Aja Ki Pro Rack		Format: 525i 29.97; 625i 25; 720P 23.98, 25, 29.97, 50, 59.94, 60; 1080i 25, 29.97, 30; 1080PsF 23.98, 24, 25*, 29.97* ; 1080p 23.98, 24, 25, 29.97 Codec support: Apple ProRes 422, Apple ProRes 422 (HQ), Apple ProRes 422 (LT), Apple ProRes 422 (Proxy), Avid DNxHD 220x, Avid DNxHD 145, Avid DNxHD 36. Video input digital: SD/HD SDI, SMPTE-259/292/296, 10-bit: Single Link 4:2:2 (2 x BNC, input selection in software), HDMI v1.3 Video input analog: SD/HD Component (3 x BNC), SMPTE/EBU N10, Betacam 525 line, Composite (1 x BNC). Video Output digital: SD/HD SDI, SMPTE-259/292/296, 10-bit, Single link 4:2:2 (1 x BNC), HDMI v1.3 Video Output Analog: Component (3 x BNC), NTSC, NTSCJ, PAL, HD: YPbPr, RGB,	<b>3</b>

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				SD: YPbPr, RGB (component mode), SMPTE/EBU N10, Betacam 525 line, Betacam 525J, RGB, Composite (1 x BNC) Audio Input Digital: 8-channel, 24-bit SMPTE-259 SDI embedded audio, 48kHz sample rate, Synchronous; 2-channel, 24-bit HDMI embedded audio, 48kHz sample rate, Synchronous; 8-channel, 24-bit AES/EBU audio, 48kHz sample rate, Synchronous or Non-synchronous, Internal Audio Input Analog: 2-channel, 24-bit A/D analog audio, 48kHz sample rate, balanced (2 x XLR) Audio Output Digital: 8-channel, 24-bit SMPTE-259 SDI embedded audio, 48kHz sample rate, Synchronous; 8-channel, 24-bit HDMI embedded audio, 48kHz sample rate, Synchronous; 8-channel, 24-bit AES/EBU audio, Synchronous or Non-synchronous, Internal sample rate conversion (4 x BNC) Audio Output Analog: 2-channel, 24-bit D/A analog audio, 48kHz sample rate, balanced (2 x XLR) Up-Conversion Hardware 10-bit Down-conversion Hardware 10-bit Cross-conversion Hardware 10-bit 1080i to 720P; 720P to 1080i Network Interface 10/100/1000 Ethernet (RJ-45)	
<b>C-17</b>	<b>Hard disk da 1TB per registratore digitale</b>			Certificato per registratore indicato nel articolo C-16	10
<b>C-18</b>	<b>SSD per registratore digitale</b>	Samsung MZ-7PD256BW		Certificato per registratore indicato nel articolo C-16 2.5" SATA III (6Gb/s) . Also compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s) Software compatibility: Windows 7, Vista, XP, Windows 8, MAC OSX, Linux. MTBF: 1.5 milion hours.	4
<b>C-19</b>	<b>HD/SD-SDI Output Card</b>		FOR-A HVS-XT100DO	2 channels of HD/SD-SDI output possible with a single card. Downconverters provided for all outputs. HD and SD images can simultaneously be output.	1
<b>C-20</b>	<b>PC (HDMI/VGA) Input Card</b>		FOR-A HVS-XT100PCI	HDMI and VGA terminals mounted onto a single card. 2 input channels are possible using both Resolutions supported by the input cards. HD mode: 1080i/p/PsF 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1600 x 1200 (UXGA), 1280 x 768 (WXGA), 1920 x 1200 (WUXGA), 1920 x 1080 (HDTV), 720p 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1280 x 768 (WXGA)	1
<b>C-21</b>	<b>HD/SD-SDI Input Card</b>		FOR-A HVS-XT100DI	4 channels of HD/SD-SDI input are possible with a single card. A frame synchronizer function for all inputs and re-size (expansion) function for 2 inputs are provided. SD images can be processed internally as HD images.	1
<b>C-22</b>	<b>32x32 routing switcher</b>	AJA Kumo 32 x 32		SDI routers provide powerful signal control and support full broadcast specifications over SDI, HD-SDI, and 3G SDI, with quality that exceeds SMPTE specifications. Video Formats: 720P 59.94, 60, 29.97, 30, 23.98, 24, 25, 29.97, 30. 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60. Video Input Digital: SD/HD/3G SDI, SMPTE-259/292/296, 8- or 10-bits; Single link 4:2:2 (1 x BNC per input) Video Output Digital: SD/HD/3G SDI, SMPTE-259/292/296, 8- or 10-bits; Single link	2

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				4:2:2 (1 x BNC per output) Audio Input Digital: 8-channel, 24-bit SMPTE-259 SDI embedded audio, 48kHz sample rate, Synchronous Audio Output Digital: 8-channel, 24-bit SMPTE-259 SDI embedded audio, 48kHz sample rate, Synchronous	
<b>C-23</b>	<b>Remoto matrice</b>	AJA Kumo Cp		Control Panel a 1RU; adeguato al routing switcher indicato	2
<b>C-24</b>	<b>Sync Pulse Generator</b>	Tektronix SPG8000		Video signal generator, suitable for master synchronization and reference applications. Video reference signals: black burst, HD tri-level sync, serial digital and composite analog test patterns, time reference signals such as time code and NTP (Network Time Protocol). Four LTC outputs, VITC on black burst outputs, and NTP server provide time reference signals in a variety of formats GPS-based synchronization for an accurate time-of-day reference and deterministic video phase reference. Wide selection of video test patterns in serial digital formats (SD, HD and 3G-SDI) and composite analog formats (NTSC and PAL) Dual hot-swappable power supplies.	1
<b>C-25</b>	<b>Adattatore rack</b>	Tektronix WFM Rack-S2		Adatto al modello di SPG indicato.	1
<b>C-26</b>	<b>Simultaneous monitoring</b>	Tektronix WFM5200 (Option CAM)		Funzioni opzionali di Simultaneous Monitoring per lo strumento di controllo indicato. Quattro ingressi SDI visualizzabili simultaneamente per il controllo di produzioni multicamera.	1
<b>C-27</b>	<b>Oscilloscopio/ Vettoscopio</b>	Tektronix WFM5200		Waveform monitor; 3RU height, Half-rack Width. Four SDI Inputs with Multiformat, Multistandard Support. Input Type: BNC, internally terminated 75 Ω Input level: 800 mVpp, ±10% Input Equalisation: . 270 Mbps: Up to 215 m of type 1694A cable . 1.5 Gbps: Up to 200 m of type 1694A cable . 3 Gbps : Up to 130 m of type 1694A cable Output: SDI Switched Output Selectable, active input, or test signal Input/Output Return Loss: 1 . 15 dB from 1 MHz to 1.5 GHz, power on or off . 10 dB from 1.5 GHz to 3 GHz, power on or off Monitor Output: Signal format (DVI-I output) - 1024 Å~ 768, 60 Hz vertical rate Vertical Measurement Accuracy: At 1x gain, ±0.5% of 700 mV full scale; at 5x gain, ±0.2% of 700 mV full scale. Gain: 1x, 5x, variable range 0.25x to >7.5x Frequency Response: . SD: Luminance (Y) channel ±0.5% to 5.75 MHz / Color Difference channels (Pb, Pr) ±0.5% to 2.75 MHz	1

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				<p>. HD: Luminance (Y) channel <math>\pm 0.5\%</math> to 30 MHz / Difference channels (Pb, Pr) <math>\pm 0.5\%</math> to 15 MHz          Sweep Timing Accuracy: <math>\pm 0.1\%</math>          Sweep Linearity: <math>\pm 0.1\%</math>          Auto-detection of HD/SD-SDI and multiple Dual Link video formats.          Detect and decode ANC data including AFD, WSS, Video Index, TSID, V-Chip, Broadcast Flag/CGMS-A, VITC, LTC, and ANC TC          ARIB STD-B35/B37/B39, TR-B22, and TR-B23 support          ANC Data Inspector and SDI Data Analysis display helps troubleshoot ANC data and SDI data problems          Variety of Monitoring Displays:          . Waveform display of external reference (Black Burst or Tri-Level Sync)          . Black Picture and Frozen Picture Detection          . Extensive alarms, status reporting, and error logging for 10,000 events simplifies error correction tasks          . Voltage and Timing Cursor for precise measurement          . User-definable Safe Area Graticules and AFD Graticule facilitate editing and format conversion tasks          Flexible Quad Tile Display          Full Screen mode that maximizes display size for precise adjustments          32 instrument presets for quick recall of commonly used configurations Front-panel USB port for easy transfer of presets, screenshots, and error log          Front-panel headphone port for easy monitoring of audio channels          High-brightness display with crisp, high-resolution LED backlight, ideal for indoor and outdoor usage          SNMP and Ethernet remote interface capabilities and GPI control facilitate centralized monitoring and control          DVI-I external display output for easy connection to digital or analog XGA display          Video Monitoring Standards and Formats:          . High Definition SDI          . Standard Definition SDI          . Dual Link (4:2:2, 4:4:4, alpha channel, 10 bit, 12 bit)          Color Gamut Monitoring:          . Arrowhead Display          . Diamond and Split Diamond Displays          Voltage Range: 12 to 15 VDC nominal. 10.75 to 18 VDC min-max operating          Surge: 10 A at 12 V</p>	
<b>C-28</b>	<b>Product Switcher</b>	Blackmagic ATEM 1M/E	<p>Video input: 8x Total simultaneous; 4x SDI 10-bit (HD/SD switchable); 4x HDMI 1.4a (10-bit HD/SD switchable); 1x Composite/S-Video/10-bit Component (component is HD/SD switchable)          Audio input:          2-channel analog balanced XLR via breakout cable          Sync input: Tri-Sync or black burst          Built-in TBC/Frame sync: 8 internal frame synchronizers (all inputs)</p>	<b>1</b>	

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				<p>14 total output  Program output: 1x SDI (10-bit HD/SD switchable), 1x HDMI 1.4a (10-bit HD/SD switchable), 1x Component (HD/SD switchable), 1x permanently downconverted Composite NTSC/PAL, 1x downconverted 10-bit SDI  PVW output: 1x SDI 10-bit (HD/SD switchable)  Aux output: 3x SDI 10-bit (HD/SD switchable)  Computer output: 1x USB 3.0 from Aux. 1 output. Media Express for Windows included  Multi-View 1 (1 x HD-SDI; 1 x HDMI)  SDI audio output: 2 channels embedded into SDI output.  Analog audio out: 2 channels balanced XLR via breakout cable  Ethernet: 1x 10/100/1000 BaseT input. Allows direct connection between control panel and chassis, or via network  Serial communicator: 1 x RS-422 output  HD down conversion: Built-in, high-quality hardware downconverter always outputs to SD-SDI and composite outputs when working in HD video formats. Component output can be switched between HD or SD. Selectable between letterbox, anamorphic 16:9, and center-cut 4:3 styles  HD Format Support 1080i50, 1080i59.94, 720p50, 720p59.94  SD Format Support 625/25 PAL, 525/29.97 NTSC  SDI Compliance SMPTE 259M, 292M  HDMI Resolutions  Input resolutions for computers: 720 x 480 59.94 Hz, 720 x 576 50 Hz, 1280 x 720 59.94/50 Hz, and 1920 x 1080 59.94/50 Hz  Video Sampling 4:2:2; Color Precision 10-bit; Color Space 4:2:2 YUV  Multi-View Monitoring: Number of Windows 1 x 10  Routable Windows 8  Tally Red for program and green for preview indication  Window Source Labels  Input Voltage 12V  Power Consumption 50W</p>	
<b>C-29</b>	<b>Broadcast Panel</b>	Blackmagic ATEM 1M/E		<p>Tastiera idonea allo switcher indicato.  Connection: 10/100/1000 BaseT with loop output for additional control panel or computer 1 x USB for firmware updates  Button: Tri-color Led crosspoint buttons (10 direct crosspoint; 20 shifted crosspoint) with high-contrast RGB bitmap label. Next transition selectors: BKG, Key 1 - Key 4. DSK transition selectors: Auto, Cut, Tie/Pvw. Menu control: LCD bitmap buttons.  Controls: 3-axis joystick, numeric keypad, 1 x fader bars  Indicators: On-Air  Redundant power: presente  Input Voltage: 12 V  Power consumption: 40 W</p>	<b>1</b>
<b>C-30</b>	<b>Centralina Convertitore SDI/HDMI - Fibra</b>	Blackmagic ATEM STUDIO		<p>SDI Video Input: 1 x 10 bit SD/HD switchable program input from switcher, including tally information.  SDI Video Output: 4 x 10 bit SD/HD switchable camera outputs.</p>	<b>1</b>

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		CONVERTER		<p>Talkback Audio: Aviation Headsets with 0.25" TRS headset connector and 0.206" TRS microphone connector. Front mounted balanced XLR microphone connector.</p> <p>Analog Audio: 1 x stereo RCA monitoring output.</p> <p>AES/EBU Audio Input: 1 x combined headphone input. 1 x combined microphone input.</p> <p>AES/EBU Audio Output: 1 x combined microphone output.</p> <p>Balanced XLR Audio Output: 4 x camera stereo analog audio outputs.</p> <p>Optical Fiber Video Input: 4 x single mode SD/HD switchable camera inputs with LC connector.</p> <p>Optical Fiber Video Output: 4 x single mode SD/HD switchable camera outputs with LC connector.</p> <p>Optical Fiber Audio Input: 4 x single mode camera audio inputs with LC connector. Channels 1 &amp; 2 are camera audio. Channels 15 &amp; 16 are intercom audio.</p> <p>Optical Fiber Audio Output: 4 x single mode camera audio outputs with LC connector. Channels 1 &amp; 2 are camera audio. Channels 15 &amp; 16 are intercom audio.</p> <p>Computer Interface: 1 x mini-B type USB 2.0 connector for firmware updates.</p> <p>SDI Format Support: 525i59.94, 625i50, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p23.98, 1080p24, 1080p25, 1080p25, 1080p25,</p> <p>SDI Compliance: SMPTE 259M, SMPTE 292M.</p> <p>Audio Sampling: Television standard sample rate of 48Khz, 24 bit A/D conversion.</p> <p>Color Precision: 10-bit</p> <p>Color Space: REC 601, REC 709.</p> <p>Video Sampliong: 4:2:2</p>	
<b>C-31</b>	<b>Convertitore SDI-Fibra</b>	<b>Blackmagic ATEM CAMERA CONVERTER</b>		<p>SDI Video Input: 1 x 10 bit SD/HD switchable.</p> <p>SDI Video Output: 1 x 10 bit SD/HD switchable.</p> <p>HDMI Video Input: 1 x HDMI type A connector.</p> <p>HDMI Video Output: 1 x HDMI type A connector.</p> <p>Talkback Audio</p> <p>1 x 3.5mm stereo connector for talkback microphone. 1 x 3.5mm stereo connector for stereo headphones, compatible with iPhone headsets.</p> <p>Analog Audio: 2 x balanced 1/4" TRS connectors (stereo) microphone level in. When connected, replaces audio from SDI In or HDMI In.</p> <p>Optical Fiber Video Input 1 x single mode SD/HD switchable with LC connector.</p> <p>Optical Fiber Video Output: 1 x single mode SD/HD switchable with LC connector.</p> <p>Optical Fiber Audio Input: 4 x single mode camera audio inputs with LC connector. Channels 1 &amp; 2 are camera audio. Channels 15 &amp; 16 are intercom audio.</p> <p>Optical Fiber Audio Output: 4 x single mode camera audio outputs with LC connector. Channels 1 &amp; 2 are camera audio. Channels 15 &amp; 16 are intercom audio.</p> <p>Computer Interface: 1 x mini-B type USB 2.0 connector for initial setup, firmware updates and Converter Utility software control.</p> <p>Audio Sampling: Television standard sample rate of 48Khz, 24 bit A/D conversion.</p> <p>SDI Format Support: 525i59.94, 625i50, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p23.98, 1080p24, 1080p25, 1080p25, 1080p29.97, 1080p30, 1080p50,</p>	<b>4</b>



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**ALLEGATO C – ATTREZZATURE PER REGIA VIDEO**

				<p>1080p59.94, 1080p60, 2048x1080p/23.98, 2048x1080p/24, 2048x1080p/25, 2048x1080PsF/23.98, 2048x1080PsF/24, 2048x1080PsF/25, 2048x1556PsF/23.98, 2048x1556PsF/24, 2048x1556PsF/25.  HDMI Format Support: 525i59.94, 625i50, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60.  Video Sampling: 4:2:2  Color Precision: 10-bit  Color Space: REC 601, REC 709  Multiple Rate support: SDI and HDMI are switchable between between standard definition and high Definition</p>	
<b>C-32</b>	<b>Monitor con Strumenti Controllo integrati</b>	Blackmagic Smart Scope DUO		<p>Two large independent eight inch LCD screens in a compact rack mount design, SmartView Duo handles SD, HD and 3Gb/s SDI video standards. For easy setup, all screens can be remotely adjusted via ethernet  SDI Video Input: Automatically switches between SD, HD and 3G-SDI. Reclocked loop through output.  Multi Rate Support: Auto detection of 2K, HD or standard definition inputs.  Updates and Configuration: Via USB 2.0 high speed (480 Mb/s)  Ethernet: 10/100 BaseT with loop through.  Tally: 9-pin D connector  SDI Compliance: SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M and SMPTE 425M.  SDI Color Space: REC 601, REC 709  SDI Auto Switching: Automatically selects between SD, HD and 3 Gb/s SDI.  Video Sampling: 4:2:2 and 4:4:4  SDI Format Support: 525i59.94, 625i50, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 2048x1080p/23.98, 2048x1080p/24, 2048x1080p/25, 2048x1080PsF/23.98, 2048x1080PsF/24, 2048x1080PsF/25, 2048x1556PsF/23.98, 2048x1556PsF/24, 2048x1556PsF/25.</p>	<b>3</b>
<b>C-33</b>	<b>DISTRIBUTORI VIDEO</b>	AJA HD 5 DA		<p>Miniature 1x4 HD-SDI/SDI distribution amplifier/repeater. Featuring four separately buffered HDSDI/  Automatic input cable equalization to 100 meters and automatically adapts to 143, 177, 270, 360 Mb, and 1.5 Gb.  Formats 1.5Gb, 143, 177, 270, 360 Mb, Auto Select  Inputs 1 HD-SDI, SDI (SMPTE 292/296), 1x BNC  Outputs 4 HD-SDI, SDI, 4x BNC  Equalizing: Return Loss &gt;15dB-270Mhz (Input and Output)  Power 5VDC Regulated, 2.5 Watts, Power Supply Required (included with purchase) (<a href="https://www.aja.com/en/products/mini-converters/dwpur1">https://www.aja.com/en/products/mini-converters/dwpur1</a>)</p>	<b>4</b>
<b>C-34</b>	<b>CAVO FIBRA OTTICA</b>			<p>Cavo in fibra ottica lunghezza 150/200 m.  Industry standard single mode optical fiber cable with standard LC connectors.</p>	<b>4</b>

Procedura aperta soprasoglia - con aggiudicazione a favore del prezzo più basso – in 5 lotti  
per l'affidamento della fornitura di Attrezzatura didattica necessaria per allestire la nuova sede di Milano Scuola di Cinema e di Televisione presso la Ex Manifattura  
Tabacchi

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				Standard SMPTE specification for optical fiber connections using standard single mode optical fiber running at 1310nm.	
<b>C-35</b>	<b>CONNETTORI VIDEO</b>			Connettore BNC femmina (x montaggio a pannello). Impedenza: 75 Ohm. Materiale contatto: ottone. Placcatura contatto: oro.	50
<b>C-36</b>	<b>CONNETTORI AUDIO</b>			Connettore XLR maschio 3 poli (x montaggio a pannello). Materiale contatto: bronzo. Placcatura contatti: argento su nichel.	25
<b>C-37</b>	<b>CONNETTORI AUDIO</b>			Connettore XLR femmina 3 poli (x montaggio a pannello). Materiale contatto: ottone. Placcatura contatti: argento su nichel.	25
<b>C-38</b>	<b>CONNETTORI VIDEO</b>			Connettore BNC diritto maschio (da crimpare). Impedenza: 75 Ohm. Materiale contatto: ottone. Placcatura contatto: oro. Polarità: normale. Tipo di montaggio: PCB.	500
<b>C-39</b>	<b>CONNETTORI AUDIO</b>			Connettori XLR maschio diritto 3 poli per cavo. Materiale contatto: ottone. Placcatura contatto: argento.	200
<b>C-40</b>	<b>CONNETTORI AUDIO</b>			Connettore XLR femmina diritto 3 poli per cavo. Materiale contatto: bronzo. Placcatura contatto: argento su nichel.	200
<b>C-41</b>	<b>CAVO VIDEO</b>			Cavo video BNC (1.000 mt.). Certificato per HDTV; data rate almeno 3 Gb; impedenza 75 Ohm.	1
<b>C-42</b>	<b>CAVO AUDIO</b>			Cavo audio (1.000 mt.)	1