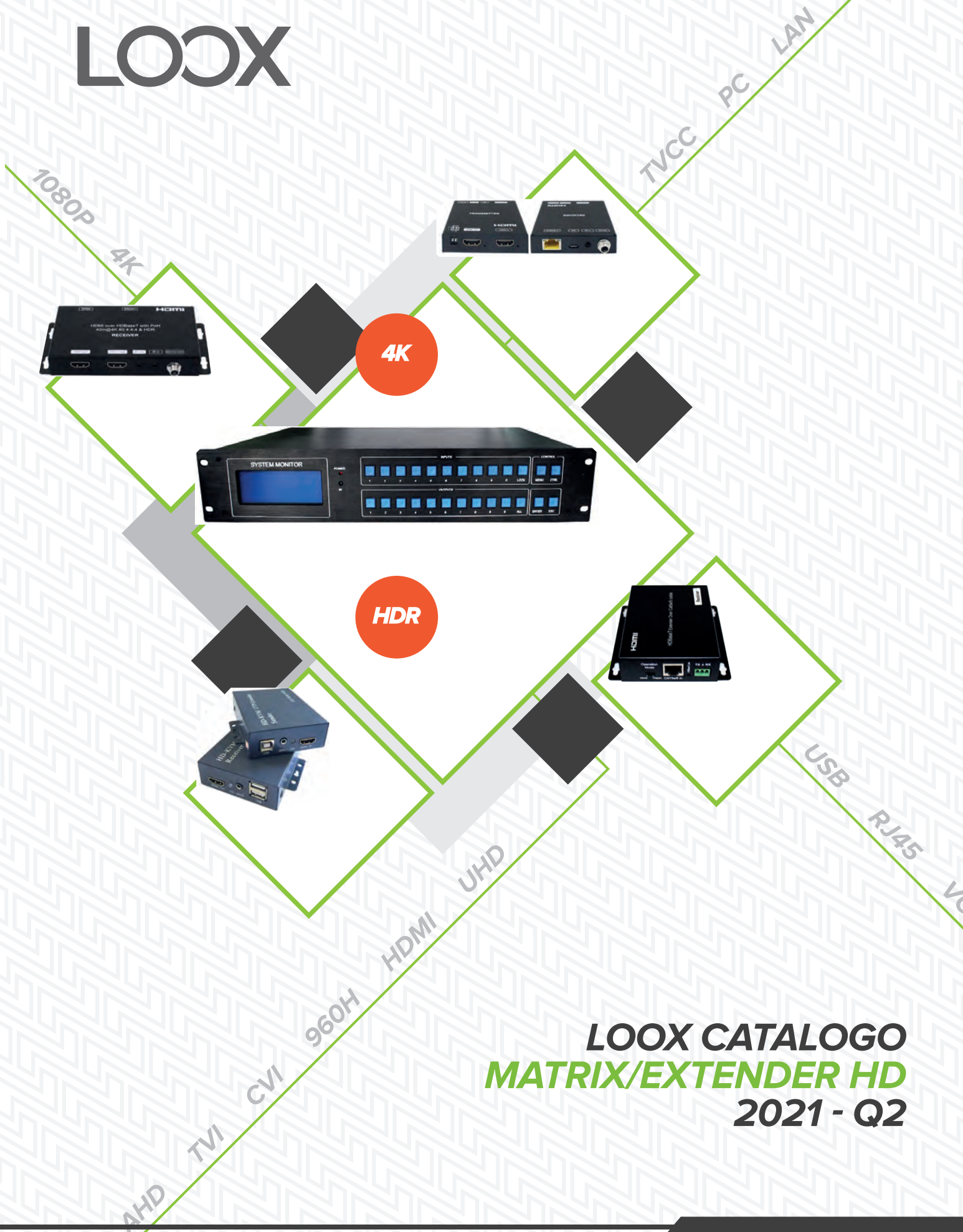


LOOX



LOOX CATALOGO
MATRIX/EXTENDER HD
2021 - Q2

Matrix Extender HD

2021 - Q2

INDICE

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HDMI Splitter, 4K/2K

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4K/2K HDMI Matrix, Controllo IR

P13

HDMI Soluzioni Wireless

GUIDA ALLE RISOLUZIONI

- **QVGA:** 320 X 240 PIXEL
- **HVGA:** 480 X 320 PIXEL
- **WVGA:** 800 X 480 PIXEL
- **FWVGA:** 854 X 480 PIXEL
- **QHD:** 960 X 540 PIXEL (1/4 DEL FULL HD)
- **WSVGA:** 1024 X 600 PIXEL
- **XGA:** 1024 X 768 PIXEL
- **HD / WXGA:** 1280 X 720 PIXEL (IL PRIMO STEP DELL'HD, IDENTIFICATA COME HD READY)
- **WXGA:** 1280 X 800 PIXEL (16:10, PER TABLET)
- **FHD:** 1920 X 1080 PIXEL (L'ALTA DEFINIZIONE, CONOSCIUTA ANCHE COME FULLHD)
- **WUXGA:** 1920 X 1200 PIXEL (VARIANTE IN 16:10 DEL FHD, USATA SUI TABLET)
- **QHD:** 2560 X 1440 PIXEL (DOPPIO DEL FULL HD)
- **WQXGA:** 2560 X 1600 PIXEL (RISOLUZIONE IN 16:10, PER TABLET)
- **UHD:** 3840 X 2160 PIXEL (ULTRA HD CIOÈ 4K)
- **WQUXGA:** 3840 X 2400 PIXEL (4K IN 16:10 PER TABLET)
- **4K CINEMA:** 4096 X 2560 PIXEL (4K PER PROIETTORI)
- **UHD+:** 5120 X 2880 PIXEL (IL FAMOSO 5K DEL NUOVO APPLE IMAC)
- **FUHD:** 7680 X 4320 PIXEL (IL FUTURO 8K)
- **QUHD:** 15360 X 8640 PIXEL (LA RISOLUZIONE PIÙ ALTA FINORA TESTATA, IDENTIFICATA COME 16K)

LOHD154KHDR

4K

HDR

POC

IR

HDCP



SAT

DTT

TVCC

4K
UHD

COMPATIBILE!

SPECIFICA	LOHD154KHDR
Operating Humidity Range	5 to 90 % RH (no condensation)
Operating Temperature Range	-10 to +55°C (14 to +131 °F)
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Formati video supportati	DTV/HDTV: 4K/1080P/1080i/720P(50HZ)/576P/480P/576i/480i
Output Video	HDMI 2.0+HDCP1.4/2.2
Output Audio	Support DTS-HD, Dolby-HD
Maximum Transmission Distance	70 meters for 1080P, 40 meters for 4K
Power Supply	24V1A
Poc	Power from TX to RX over Cat.5e/6 cable
Power Consumption	438x220x44 mm
Dimensions	139.4mmH x 66.8mmW x 20mmD
Mass (Main unit)	0.7kg (Pairs)

LOHD154KHDR

- Bandwidth up to 18Gbps, resolution up to 4k@60hz YUV 4:4:4
- Transmit up to 70m under 1080p, 40m under 4k
- Support HDR10, 3D
- With 1x looping HDMI out at Transmitter and 2 x HDMI out at Receiver
- Bi-directional wide band IR and RS232 Pass through
- Dual POC (Receiver powered by transmitter or transmitter powered by Receiver)
- HDCP2.2/ HDCP1.4 Compliant
- Downscale automatic to 1080p

HDR

HDMI
IN-OUT

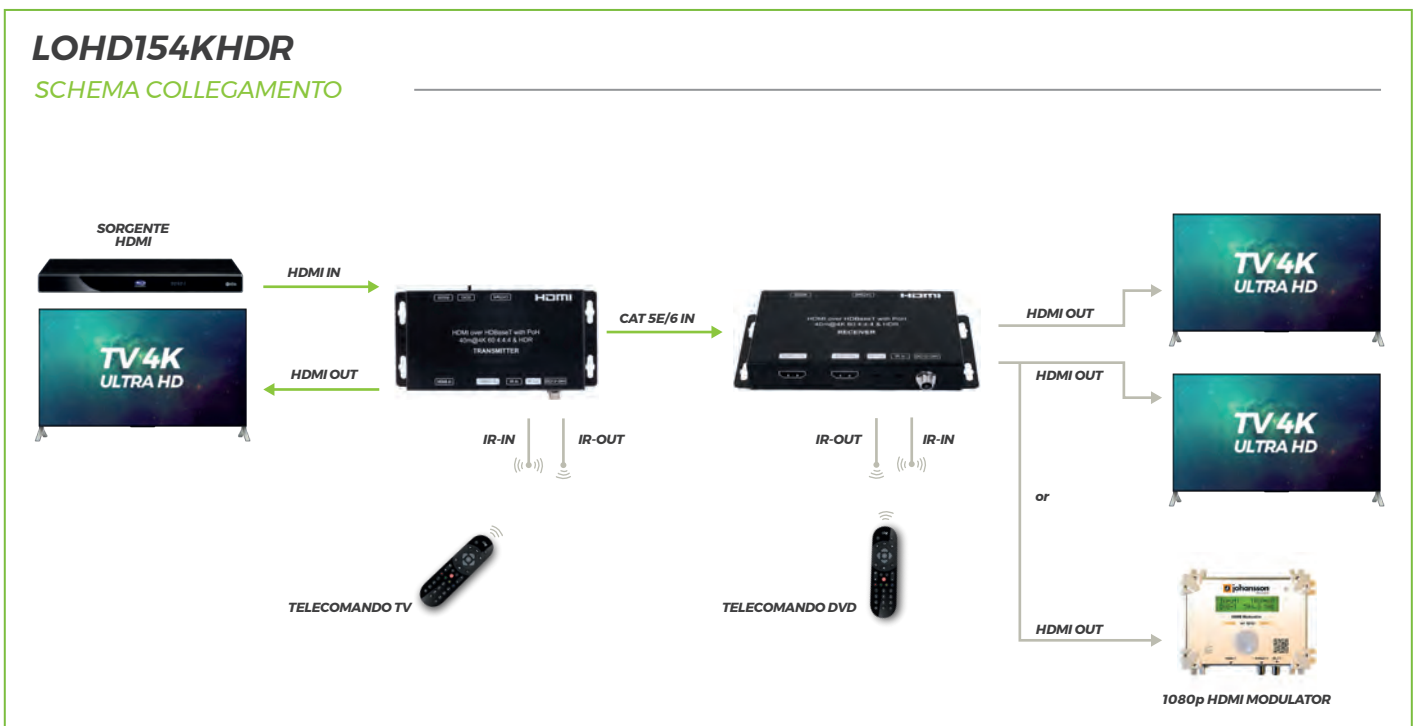
HDMI
2 OUT

IR



LOHD154KHDR

SCHEMA COLLEGAMENTO



LOHD115-4K

HDBT 4K 3D IR HDCP



SAT
DTT
TVCC

4K
UHD



COMPATIBILE!

SPECIFICA	LOHD115-4K
Operating Temperature Range	-5 to +40°C(+23 to +104°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Connectors on Transmitter	HDMI Receptacle x 2 (1xHDMI input, 1xHDMI loop output) Power DC Receptacle x 1 IR Receptacle x 1(for IR TX)
Connectors on Receiver	HDMI Receptacle x 1 IR Receptacle x 1(for RX cable)
Resolution outputs	4k@60hzYUV4:4:4/ 4k@30HZ/1080p/1080i/720p/576p/480p
Audio format supported	DTS-HD Master Audio, Dolby True HD, LPCM7.1, PCM etc.
Output Video Signal	HDMI
Dimension (LxWxH)	TX: L75.8mmxW72.2mm x H18mm; RX: L75.8mm x W72.2mm x H18mm
Power supply	DC 12V1A Power supply
Power consumption	3.8W(MAX)
Transmission Distance	up to 70m under 4K@60Hz YUV4:4:4, 90m under 4K@30Hz/1080P
Net Weight	TX: 305g; RX:305g

LOHD115-4K

- HDMI2.0 Extender, Bandwidth 18Gbps, HDR10, Dual POC,HDCP2.2/1.4 Compliant
- Transmit up to 70m under 4K@60Hz YUV4:4:4, 90m under 4K@30Hz/1080P over single Cat. 5e/6 cable
- 1x HDMI loop out on transmitter
- Support EDID management
- Support wide band IR Pass through
- HDMI audio sampling rate up to 192KHz, max LPCM 7.1 channel
- Support S/PDIF and PCM2.0 analog audio extraction
- Support Dolby True HD, PCM and DTS-HD master audio
- Support Micro USB port to upgrade new firmware



LOHD115-4K

ESTENSIONE 4K (70m) + IR TELECOMANDO



LOHD75U

4K **POC** **USB** **IR** **HDCP**


LOHD75U

- Supporta risoluzione video fino a 4K*2K @30Hz, e segnale 3D
- Compatibile con HDMI 1.4 e HDCP 1.2
- Tecnologia HDBaseT
- Trasmette il segnale HDMI video (1080p) fino a 70 metri su singolo cavo Cat. 6
- Trasmette il segnale HDMI video (4K*2K) fino a 30 metri su singolo cavo Cat. 6
- Supporta segnale RS232, IR bidirezionale, EDID pass-through
- Supporta tastiera e mouse
- Supporta l'alimentazione POC
- Si interfaccia automaticamente con la sorgente e i display
- Sistema aggiustamento automatico che rende le immagini stabili e più nitide
- Sistema di protezione ESD
- Semplice installazione: plug and play

SPECIFICA	LOHD75U
Video	
Standards	HDMI 1.4, HDCP 1.2
Pixel clock (max)	165MHz
Data rate (max)	10.2Gbps
Risoluzione	4K*2K (max)
Connettore	HDMI A
Impedenza	100Ω
IR	
Interfaccia	3.5mm jack
Segnale	Bidirezionale, digitale
Frequenza IR	20-56kHz
RS232	
Segnale	Bidirezionale
Baud rate	Auto adattivo, 115200bps (max)
Data bits	8
KVM	
Interfaccia	PC: mini USB Tastiera/mouse: USB A
Ethernet	
Interfaccia	RJ45
Distanza trasmissione	1080p: Cat. 6 fino a 70m 4K*2K: Cat. 6 fino a 30m
Generico	
Alimentazione	DC 12V/2A
Dissipazione	6W (max)
Temperatura operativa	-5°C ~ +70°C
Dimensioni	122x93x23mm



LOHD75U

SCHEMA COLLEGAMENTO



LOHD73HQ / LOHD73XS

1080p POC IR HDCP



LOHD73HQ



LOHD73HQ / LOHD73XS

- Trasmette i segnali HDMI video e audio su singolo cavo UTP Cat. 5e/6/7e fino a 60 metri
- Supporta risoluzione video fino a 1920*1080@60Hz
- Supporta funzione copia EDID
- Supporta IR bidirezionale 20~60kHz (LOHD73XS IR monodirezionale)
- Alimentazione POE con alimentatore 12V/1A collegato al solo trasmettitore
- Il trasmettitore supporta un'uscita locale HDMI
- Compatibile con gli standard HDMI 1.3 e HDCP 1.2
- Standard IEEE-568B
- Si interfaccia automaticamente con la sorgente e i display
- Sistema di protezione ESD
- Semplice installazione: plug and play

SPECIFICA	LOHD73HQ
Video	
Standards	HDMI 1.3
Pixel clock (max)	165MHz
Data rate (max)	6.75Gbps
Risoluzione	1920x1080 @60Hz
Connettore	HDMI A
Impedenza	100Ω
IR	
Interfaccia	3.5mm jack
Segnale	Bidirezionale HQ / Monodirezionale XS
Frequenza IR	20~60kHz
Cavo UTP	
Interfaccia	RJ45, standard IEEE-568B
Distanza trasmissione	UTP Cat. 6/7e: 60 metri UTP Cat. 5e: 40 metri
Generico	
Alimentazione	DC 5-15V/1A
Dissipazione	3W (max)
Temperatura operativa	-5°C ~ +70°C
Dimensioni	82x65x17mm HQ 82x46x23mm XS

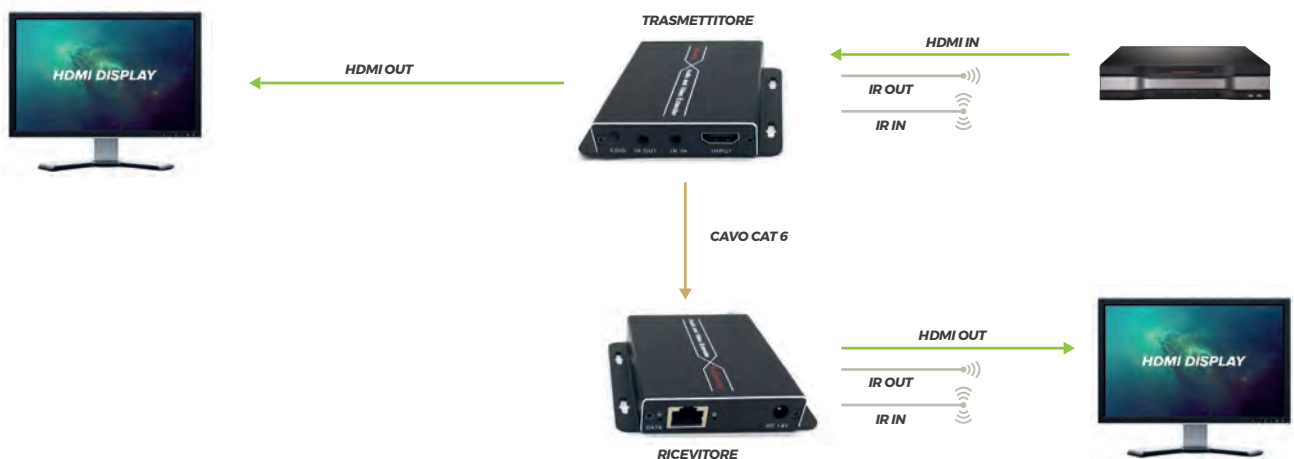


LOHD73XS



LOHD73HQ

ESTENSIONE 1080p (70m) + IR TELEC. + HDMI IN/OUT



LOHD53UHQ / LOHD53UXS

USB 1080p



LOHD53UHQ

TVCC

LOHD53UHQ

- Coppia estensori HDMI 1.3 + USB & HDCP 1.2 su cavo UTP singolo, portata 60m
- Supporta HDMI 1.3/HDCP1.1&1.2
- Supporta 480, 576, 720 50/60hz, 1080I 50/60hz, 1080P 25/30/50/60hz, 2k
- Trasmettitore 1 porta USB, ricevitore 2porte USB
- Supporta mouse e tastiera
- Cavo HDMI (1m) a corredo

LOHD53UXS

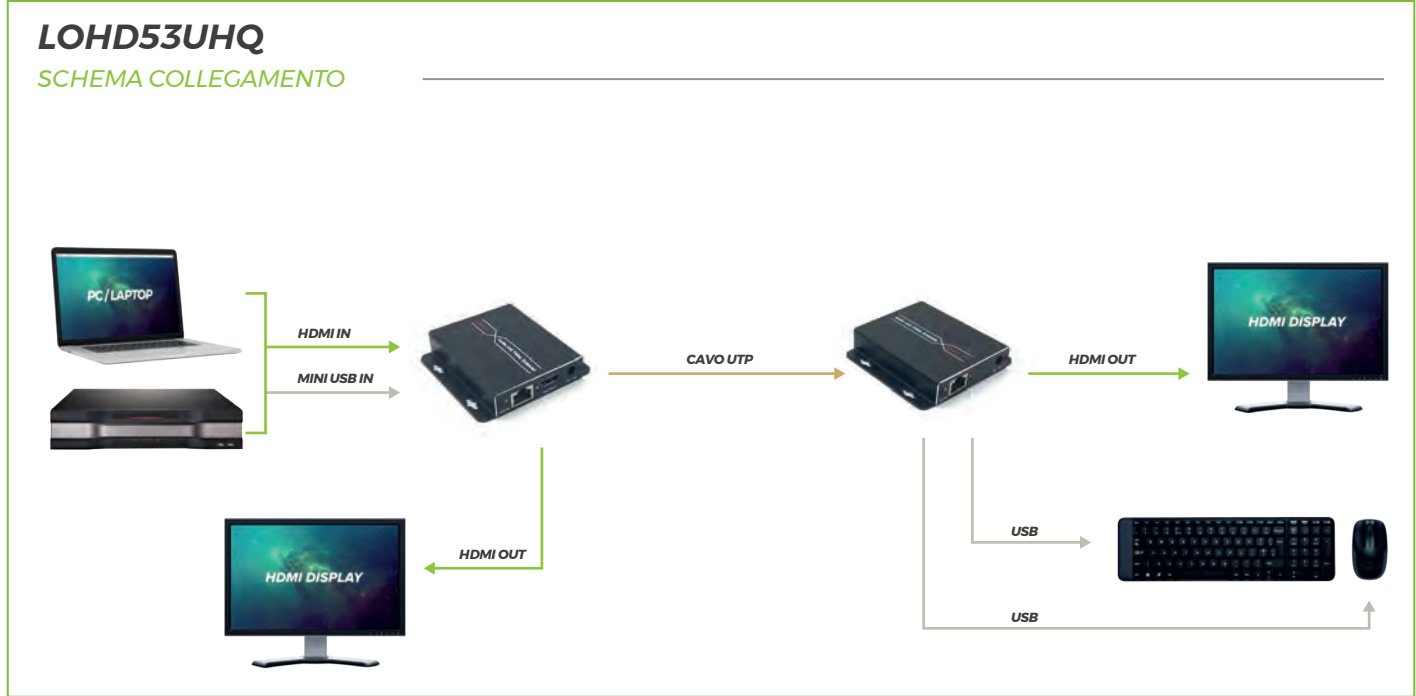
- Selettore portata 30 o 50metri

SPECIFICA	LOHD53UHQ / LOHD53UXS
Video	
Standard	HDMI 1.3, HDCP 1.2
Pixel clock	165MHz
Data rate (max)	6.75Gbps
Risoluzione	1920x1080 @60Hz
Connettore	HDMI A
Impedenza	100Ω
USB	
Interfaccia	PC: USB-A Tastiera/mouse: USB-A
Segnale	HID
UTP	
Interfaccia	RJ45
Distanza trasmissione	Cat. 6. : 60 metri (max) / Cat. 6: 30-50metri (max)
Generico	
Alimentatore	DC 12V/1A
Dissipazione	4W (max)
Temperatura operativa	-5°C ~ +70°C
Dimensioni	82x85x17mm / 84,5x63x26mm



LOHD53UHQ

SCHEMA COLLEGAMENTO



LOHD45VU

1080p

VGA

USB



TVCC

LOHD45VU

- Estende l'alimentazione del computer (100m), della tastiera (200m) e del mouse (300m)
- Si può cambiare il segnale dal monitor remoto a quello locale oppure da 3 monitor locali ad un monitor remoto
- Usa un singolo cavo Cat. 5/5e/6
- Supporta mouse e tastiera.
- Ingresso/uscita monitor (trasmettitore)
- Uscita monitor VGA (ricevitore)
- Porta USB
- Compatibile con Windows, Linux, Unix, DOS

SPECIFICA	LOHD45VU
Ingresso	1 VGA, 1 USB
Uscita	1 VGA, 2 USB
Banda	350MHz (100 metri)
Livello ingresso	0.5 – 2.0Vp-p
Impedenza ingresso	75Ω
Echo Ullage	-30dB @5MHz
Compensazione alimentazione	±5mV-0
SNR	60dB
Standard connettori	HDB15, USB, Mini-DIN6, RJ45
Standard video	VGA, SVGA, XGA, SXGA, UXGA, LCD
Standard cavo	Cat. 5/5e/6
Risoluzione	2560x1600 @60Hz (max)
Alimentatore	DC12V 1A
Temperatura operativa	-25°C ~ +70°C
Dimensioni	95x97x28mm



LOHD41V

1080p

VGA



TVCC

LOHD41V

- Estende l'alimentazione del computer (100m), della tastiera (200m) e del mouse (300m)
- Si può cambiare il segnale dal monitor remoto a quello locale oppure da 3 monitor locali ad un monitor remoto
- Usa un singolo cavo Cat. 5/5E/6
- Supporta mouse e tastiera
- Ingresso/uscita monitor (trasmettitore)
- Uscita monitor VGA (ricevitore)
- Compatibile con Windows, Linux, Unix, DOS

SPECIFICA	LOHD41V
Ingresso	1 VGA
Uscita	1 VGA
Banda	350MHz (100 metri)
Livello ingresso	0.5 – 2.0Vp-p
Impedenza ingresso	75Ω
Echo Ullage	-30dB @5MHz
Compensazione alimentazione	±5mV-0
SNR	60dB
Standard connettori	HDB15, Mini-DIN6, RJ45
Standard video	VGA, SVGA, XGA, SXGA, UXGA, LCD
Standard cavo	Cat. 5/5E/6
Risoluzione	2560x1600 @60Hz (max)
Alimentatore	DC12V 1A
Temperatura operativa	-25°C ~ +70°C
Dimensioni	95x97x28mm



LOHD395HQ

4K UHD S/PDIF ARC IR RJ45 CASCADE HDCP 2.2



- SAT
- DTT
- TVCC



LOHD395HQ

- 4K UHD HDMI su IP
- USB 2.0 su IP
- Estensione bidirezionale RS232 e controllo RS232
- Switch da 4 bits per la selezione di 16 canali stream
- Supporta Dolby True HD, DTS-HD audio master
- Supporta estensione IR banda larga a due vie (38-56 KHz)
- Trasmette fino a 120 metri su singolo cavo Cat. 5e/6
- Trasmette su cavo fibra ottica fino a 60 Km (single mode)
- Estensione point-to-point, Unicas, Multicas e Video Wall (8x16 max)
- Compatibile HDCP 1.4
- Ingrandimento parziale video in uscita
- Rotazione video in uscita

LOHD395HQRX

- Ricevitore supplementare con accessori



IN/OUT
ARC S/PDIF
CASCADE CONNECTION
HDMI IN-OUT
ZERO LATENCY
IR

SPECIFICHE	LOHD395HQ
Power Supply	
Voltage / Current	DC5V / 2A
Power Consumption	TX < 4W RX < 4W
HDMI Performance And Interface	
HDMI compliance	HDMI 2.0
HDCP compliance	HDCP 2.2
HDMI resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840x2160@24/25/30/50/60Hz, 4096x2160@24/25Hz, 1280x960, 1280x800, 1280x768, 1680x1050, 1360x768, 1366x768, 1600x900, 1024x768, 800x600
HDMI Performance And Interface	
Supports audio formats	LPCM/DTS - HD/DTS - Audio/Dolby TrueHD 7.1CH/ Dolby Digital 5.1CH
Input and output TMDS signal	0.7 ~ 1.2Vp - p (TMDS)
Input and output DDC signal	5Vp - p (TTL)
Input cable length	≤8m (AWG24)
Output cable length	≤8m (AWG24)
Transmission Distance	
CAT6/6A/7	≤70m
Protection Level	
Electrostatic protection of whole machine	1a Contact discharge level 3 1b Air discharge level Implementation of the standard:IEC61000-4-2
Operating Environment	
Working temperature	- 20 ~ 60°C
Storage temperature	- 30 ~ 70°C
Humidity (no condensation)	0 ~ 90% RH
Body Properties	
Dimension	106.0 (L) x 99.0 (W) x 26.2 (H) mm
Material	Aluminium alloy material + crystal panel
Treatment process	Grit blast
Color	Black
Weight	TX: 210g RX: 210g

LOHD367HQ (KIT)

H.264 1080p IP IR HDCP



LOHD367HQTX, LOHD367HQRX (KIT)

- Fino a 120 metri su cavo Cat. 5e/6
- Risoluzione video fino a 1920*1080p @60Hz
- Supporta "1 to many" (253 devices) con switch ethernet
- Supporta segnale IR su TCP/IP
- H.264, ESD, plug and play
- Compatibile con standard HDMI 1.3 e HDCP 1.2
- 100M or 1000M Ethernet switch
- Ethernet TCP/IP, TCP/IP DID, video/audio in tempo reale, IP
- Si interfaccia automaticamente con la sorgente e il display

LOHD367HQ

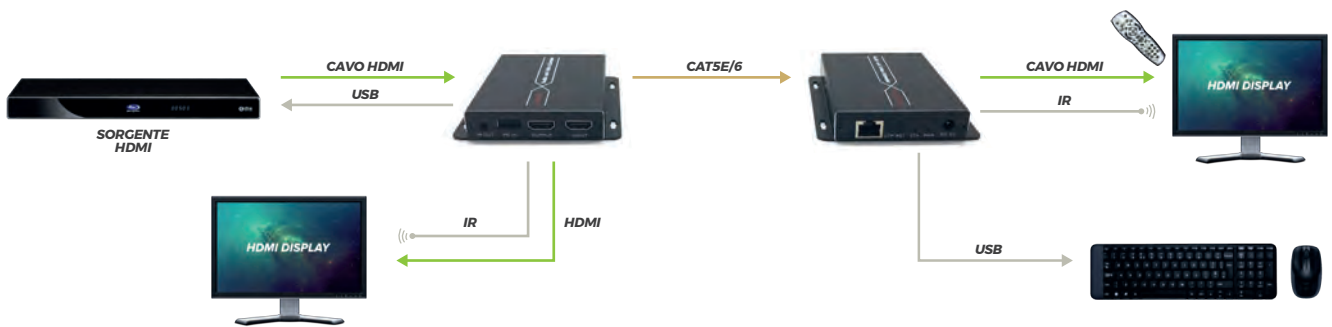
- Si possono utilizzare le porte USB su 1 ricevitore per volta
- Ricevitore supplementare, in confezione da 2 pezzi

SPECIFICA	LOHD367HQ
Video	
Standards	HDMI 1.3, HDCP 1.2
Pixel clock (max)	165MHz
Data rate (max)	6.75Gbps
Risoluzione	1920x1080 @60Hz
Connessione	HDMI A
Impedenza	100Ω
IR	
Interfaccia	3.5mm jack
Segnale	Digitale
Frequenza	38kHz
Ethernet	
Interfaccia	RJ45
Distanza trasmissione	Cat. 5e/6: 120 metri
Generico	
Alimentatore	DC12V/1A
Dissipazione	8W (max)
Temperatura operativa	-5°C ~ +70°C
Dimensioni	110x100x18mm

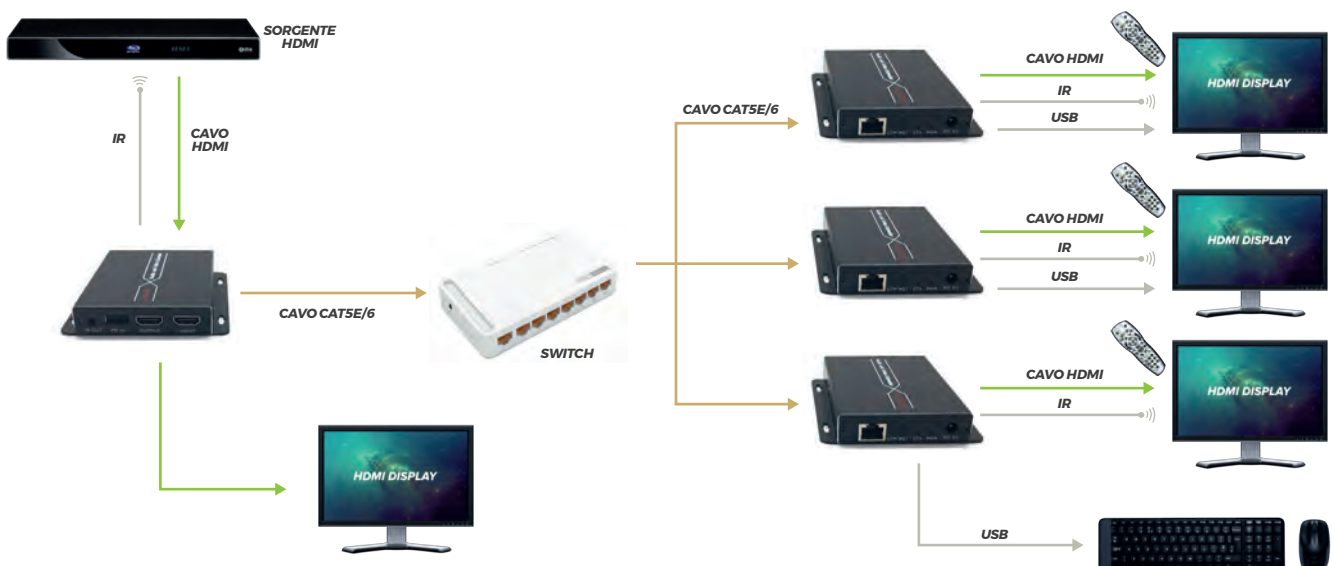


LOHD367HQ

CONFIGURAZIONE: ONE TO ONE



CONFIGURAZIONE: ONE TO ONE



LOHD35HQ (KIT), LOHD35HQRX

1080p **IP** **IR** **HDCP**


LOHD35HQ

- Aluminum shell, compact size and slim design, more beautiful than iron shell, strong anti-interference. Wall-mounted type is more convenient.
- Distance up to 120m over UTP Cat. 5e/6 cable.
- Video resolution max up to 1920*1080@60Hz.
- Support 1 to many receivers transmit (253pcs RX over Ethernet switch).
- Support IR (38khz) signal pass back control .
- HDMI 1.3 and HDCP 1.2 standard.
- High compatibility, can auto-match source and display device.
- Built-in automatic adjustment system, make the image smooth, clear and stable.
- Built-in ESD protection system. Simple to install, plug and play.
- TCP/IP Ethernet communication.
- Real-Time Video/Audio Transmission over IP.
- Pure Ethernet, Simple Cabling.
- Application Fields : 1 : N Solution (Shop, restaurant, kiosk, classrooms, Monitor, Speaker, Energy Saving, virtual desktop, Digital Camera, TCP/IP Network).
- Ordinary 100M or 1000M Ethernet switch.

LOHD35HQRX

- Ricevitore supplementare con accessori

SPECIFICA	LOHD35HQ
Video	
Standards	HDMI 1.3, HDCP 1.2
Pixel clock (max)	165MHz
Data rate (max)	6.75Gbps
Resolution	1920x1080 @60Hz
Connector	HDMI A
Impedance	100Ω
IR	
Interface	3.5mm earphone seat
Signal direction	Unidirectional
IR Frequency	38kHz
Ethernet	
Interface	RJ45 (568B)
Transmission Distance	UTP Cat. 5e/6: 120 metri
Other	
Power Supply	The power adapter: DC 5V
Power dissipation	4W (max)
Operating Temperature	-5°C ~ +70°C
Operating Humidity	5% ~ 90%
Dimension	100 x 97,5 x 17 mm



LOHD22TX, LOHD22RX

1080p **IP** **IR** **HDCP**

TVCC

LOHD22TX, LOHD22RX

- Estende il segnale 1080p/HDMI fino a 120 metri su un singolo cavo UTP Cat. 5e/6
- Configurazioni network: Point-to-Point, Point-to-Many, Many-to-Many
- Compatibile HDCP
- Supporta TCP/IP
- Può essere installato a cascata
- Staffe di montaggio incluse

SPECIFICA	LOHD22TX	LOHD22RX
Ingresso segnale video	0.5-1.0 volts P-P	
Ingresso segnale DDC	5 volts p-p(TTL)	
Uscita video	HDMI	
Formati video supportati	DTV, HDTV:480i, 576i, 480P, 576P, 720P, 1080i, 1080P	
Distanza trasmissione	1080P 8-bit 120m (max) su singolo cavo Cat. 5e/6 /24AWG/Solid	
Frequenza IR	38-56Hz	
Consumo	3W	
Dimensioni	103.5x93.5x24.6mm	
Peso (netto)	220g	220g
Indirizzo IP default	192.168.168.55	192.168.168.56
Indirizzo MAC	00:0b:78:00:60:01	00:0b:78:00:60:02



LOHDS854KHDR / LOHDS454KHDR

4K HDR POC IR



LOHDS854KHDR / LOHDS454KHDR

- Incorporates HD Base-T technology
- Distributes 1 HDMI source to 8 HDMI Displays simultaneously with 1 x looping HDMI output (LOHDS454KHDR 4HDMI Out)
- Input HDMI resolution max up to 4K@60hz YUV 4:4:4
- HDBaseT output up to 4K@60hz YUV 4:2:0
- HDMI output up to 4K@60hz YUV 4:4:4
- Extends HDMI and IR up to 328 feet (100 meters) using one CAT5e (or better) cable
- Supports high bit-rate audio formats (Dolby True-HD / DTS Master Audio)
- Support RS232, EDID
- Compliant HDCP 1.4 and 2.2
- Support Cascade to 8 layers

SPECIFICA	LOHDS854KHDR
Operating Temperature Range	- 5°C ~ 40°C (14°F ~ 140°F)
Operating Humidity Range	5 ~ 90% RH (No Condensation)
Input Video format	720P, 1080P, 4K@60hz
Data transfer speed rate	18 Gbps (Maximum)
Input port	1 x HDMI
Output ports	8/4 x HDBaseT port, 1 x HDMI loop out
Output Video Format Supported	DTV/HDTV:480i/576i/480P/576P/720P/1080i/1080P, 4K VESA resolution:1920x1200
Transmission Distance	100m under 1080P, 70m under 4K
Power consumption	36 W (Max)
Power Consumption	<15W
Dimension	311 x 172 x 39.5 mm
Net Weight	1700g

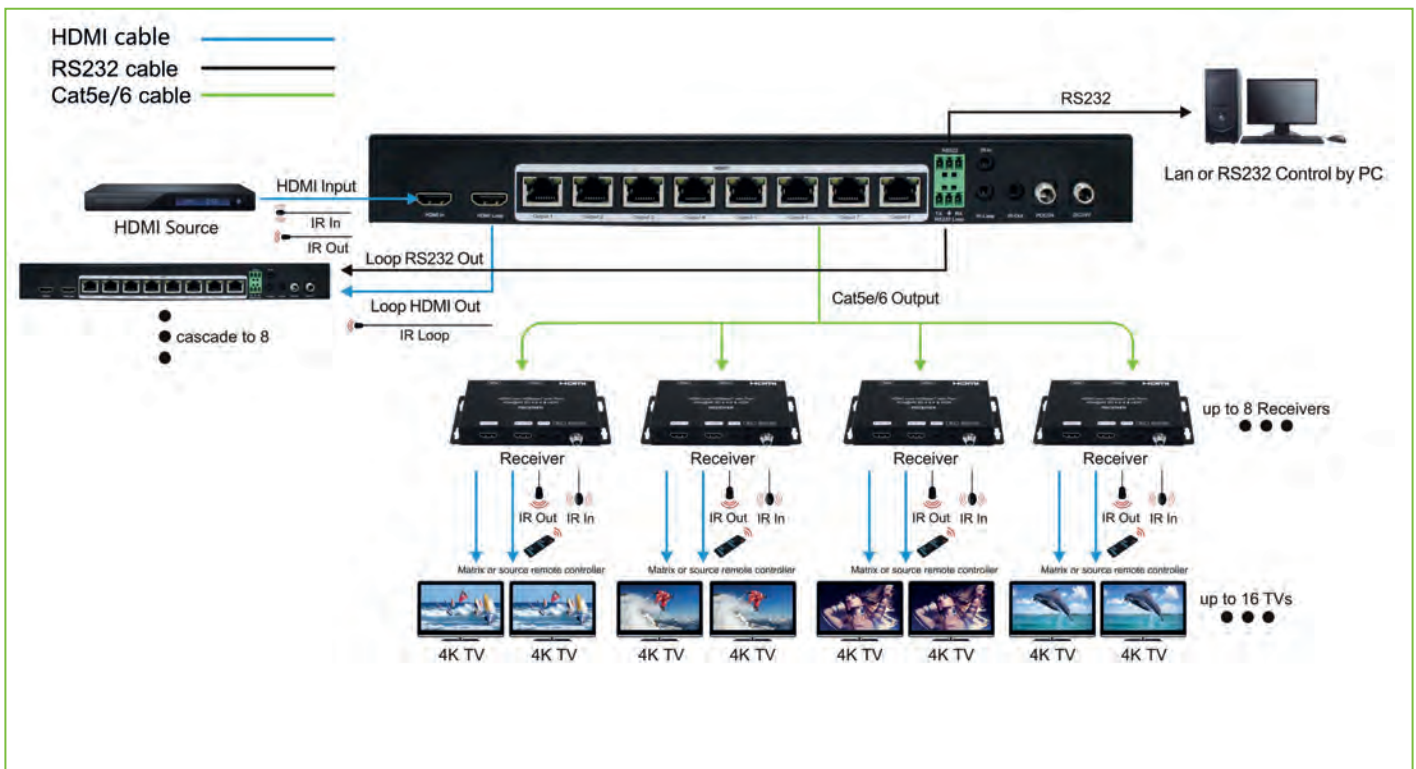


LOHDS54KRX

4K HDR POC IR



SPECIFICA	LOHDS54KRX
Video Format Supported	DTV/HDTV; 4K/1080P/1080i/720P(50HZ)/576P/480P/576i/480i
Output Video	HDMI 2.0 + HDCP1.4/2.2
Output Audio	Support DTS-HD, Dolby-HD
Max Transmission Distance	100 meters for 1080P, 70 meters for 4K
Power Supply	24V1A
Poc	Power from TX to RX over Cat. 5e/6 cable
Power Consumption	12 Watts
Dimensions	139.4 x 66.8 x 20 mm



LOHDS450IR

1080p **3D** **RJ45** **IR**

SAT
DTT

COMPATIBILE!

LOHDS450IR

- Distribuisce 1 segnale HDMI a 4 uscite UTP simultaneamente, con 1 uscita HDMI in loop
- Trasmette fino a 50 metri su singolo cavo Cat. 5e/6
- Può essere messo in cascata (fino a 4 livelli)
- Controllo IR bidirezionale a banda larga (da 38 a 56 kHz)
- Supporta Full HD 1080p e risoluzione VESA 1920x1200
- Supporta Dolby TrueHD, DTS-HD Master Audio
- Supporta 3D

SPECIFICA	LOHDS450IR
Ingressi	1x HDMI
Uscite	4x Cat. 5e/6, 1x HDMI
Ingresso segnale video	0.5-1.0 Volts P-P
Ingresso segnale DDC	5 volts p-p(TTL)
Banda amplificatore video	140MHz
Velocità trasferimento dati	6.75Gbps (max)
Frequenza verticale	60Hz
Distanza trasmissione	1080P 8-bit 50 metri su singolo CAT. 5e oppure Cat. 6 24AWG/Solid
Formati video supportati	DTV / HDTV:720P / 1080i / 1080P VESA resolution: 1920x1200 / 3D video support
Formati Audio supportati	DTS-HD Master Audio, Dolby True HD, multi canale 5.1, ecc
Consumo	12W (max)
Temperatura operativa	-5°C ~ +35°C
Dimensioni	203x134x29.2 mm
Peso	0,8 kg



LOHDS50RX

1080p **3D** **24bit** **IR** **EDID**

SAT
DTT

COMPATIBILE!

LOHDS50RX

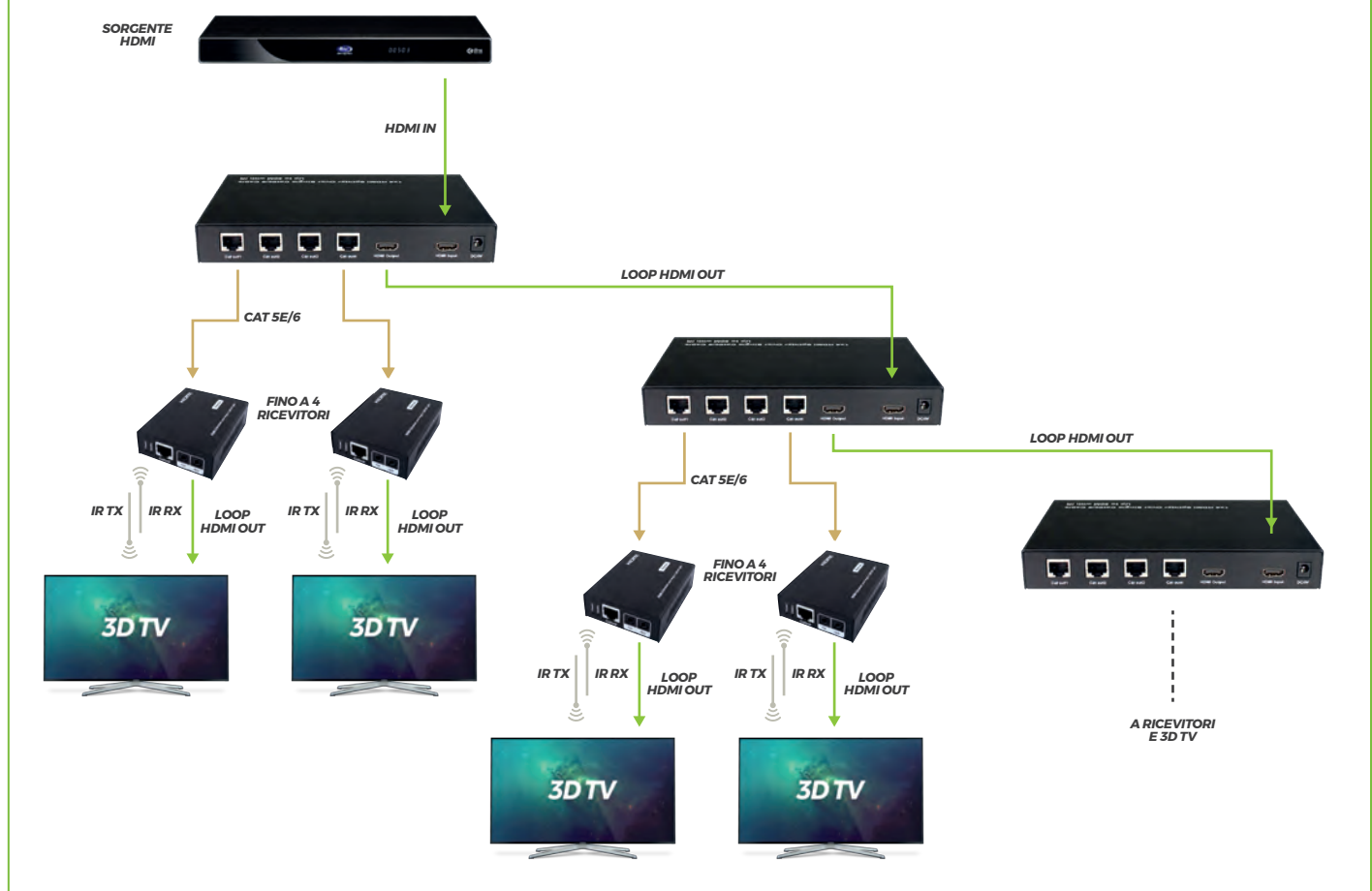
- Trasmette segnali HDMI audio/video e IR fino a 50 metri su singolo cavo Cat. 5e/6
- Trasmette un segnale IR banda larga insieme al segnale HDMI
- Supporta profondità di colore 24bit
- Switch EDID DIP sul trasmettitore per una migliore gestione
- Supporta PCM ,Dolby Digital™, e DTS Digital Surround™
- Segue lo standard IEEE-568B per i cavi
- Supporta il formato video 3D

SPECIFICA	LOHDS50RX
Ingressi / Uscite	1x HDMI / 1x RJ45 / 1x Alimentazione 2x IR (per IR Tx e cavo Rx)
Velocità trasferimento dati	6.75Gbps
Distanza trasmissione	1080p fino a 50m
IR	lunghezza d'onda: 940nm / frequenza: 38-56KHz
Formati video	1080p / 1080i / 720p / 576p / 480p
Formati audio	DTS-HD Master Audio, Dolby True HD, multi canale 5.1, ecc
Alimentazione	DC 5V
Consumo	4W (max)
Temperatura operativa	-5°C ~ +35°C
Dimensioni	65x24,1x85 mm
Peso	319g



LOHDS450IR, LOHDS50RX

COLLEGAMENTO IN CASCATA (MAX 3 UNITÀ)



LOHDAUEX



LOHDAUEX

- Three Audio EDID Settings: Auto/2.0 CH/5.1CH
- Extract the digital HDMI audio signal from the HDMI input to 2 channel analog stereo output or 5.1 channel Audio output
- Support PCM and Dolby DTS
- Supports resolution up to 4K@60Hz YUV4:4:4
- Supports deep color up to 36bit
- HDCP2.2/1.4 Compliant
- Support CEC
- Support firmware updating through USB port

SPECIFICA	LOHDAUEX
Operating Temperature Range	-5°C ~ +35°C (+23°F ~ +95°F)
Operating Humidity Range	5% ~ 90% RH (no condensation)
Input Video Signal	0.5-1.0 Volts P-P
Input DDC Signal	5 volts p-p (TTL)
Support Video format	4Kx2K/1080P/1080i/720P/576P/576i/480P/480i 3D video
Support Video Color Format	xv-YCC/deep color 36bit
Support Audio Format	PCM, DTS-HD Master Audio,Dolby true-HD, etc.
Data transfer speed rate	18Gbps (Maximum)
Power consumption	2 watts (Maximum)
Dimension	104.4 x 64 x 28.3 mm
Net weight	175g

LOHDS2V4KHDR



4K HDR **EDID** **HDCP**

LOHDS2V4KHDR

- Simultaneously displays an Ultra Hi-Def source on up to two Ultra HD displays.
- Supports resolutions up to Ultra HD 4Kx2K(3840x2160@60Hz YUV 4:4:4).
- Supports three kinds of EDID handling abilities.
- Supports HDCP2.2/1.4 Compliant.
- Supports 36 bit Deep Color.
- Supports LPCM 7.1, Dolby TrueHD, Dolby digital Plus, and DTS-HD Master Audio.
- Support 3D.
- Bandwidth 18G.
- Support HDR.
- Support online firmware upgrade via Micro USB Port.

SPECIFICA	LOHDS2V4KHDR
Operating Temperature Range	-5°C ~ +40°C (+23°F ~ +104°F)
Operating Humidity Range	5% ~ 90% (no condensation)
Bandwith frequency	18Gbps
HDCP	HDCP 2.2
Input ports	1 x HDMI (female)
Output ports	2 x HDMI outputs (female)
Resolution outputs	up to 4Kx2K (3840x2160@60Hz YUV 4:4:4)
Dimensions (LxWxH)	93.6 x 61 x 15 mm
Power consumption	1W (MAX)
Transmission Distance	10m (max) over standard HDMI cable / 24AWG
Net weight	120g



LOHDS4V4KHDR



4K HDR **EDID** **HDCP**

LOHDS4V4KHDR

- Simultaneously displays an Ultra Hi-Def source on up to four Ultra HD displays
- Supports resolutions up to Ultra HD 4Kx2K (3840x2160@60Hz YUV 4:4:4)
- Supports four kinds of EDID handling abilities
- Supports HDCP 2.2/1.4 Compliant
- Supports 36 bit Deep Color
- Supports LPCM 7.1, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio
- Support 3D
- Bandwidth 18G
- Support HDR
- Support online firmware upgrade via Micro USB Port

SPECIFICA	LOHDS4V4KHDR
Operating Temperature Range	-5°C ~ +40°C (+23°F ~ +104°F)
Operating Humidity Range	5% ~ 90% (no condensation)
Bandwith frequency	18Gbps
HDCP	HDCP 2.2
Input ports	1 x HDMI (female)
Output ports	4 x HDMI outputs (female)
Resolution outputs	up to 4Kx2K (3840x2160@80Hz YUV 4:4:4)
Dimensions (LxWxH)	150 x 64.2 x 17 mm
Power consumption	2W (MAX)
Transmission Distance	15m (max) over standard HDMI cable / 26AWG
Net weight	245g



LOHDS8V4KHDR



SPECIFICA	LOHDS8V4KHDR
Operating Temperature Range	-5°C ~ +40°C (+23°F ~ +104°F)
Operating Humidity Range	5% ~ 90% (no condensation)
Bandwidth frequency	18Gbps
HDCP	HDCP 2.2
Input ports	1 x HDMI (female)
Output ports	8 x HDMI outputs (female)
Resolution outputs	up to 4Kx2K (3840x2160@60Hz YUV 4:4:4)
Dimensions (LxWxH)	247.2 x 110 x 17 mm
Power consumption	5W (MAX)
Transmission Distance	15m (max) over standard HDMI cable / 26AWG
Net weight	610g

4K HDR **EDID** **HDCP**

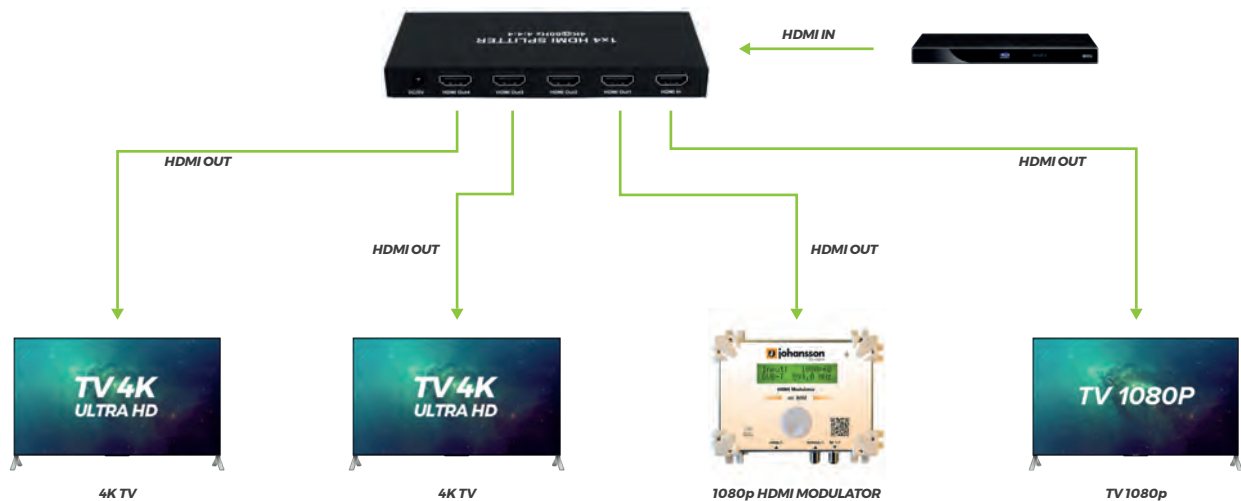


LOHDS8V4KHDR

- Simultaneously displays an Ultra Hi-Def source on up to eight Ultra HD displays.
- Supports resolutions up to Ultra HD 4Kx2K(3840x2160@60Hz YUV 4:4:4).
- Supports three kinds of EDID handling abilities.
- Supports HDCP2.2/1.4 Compliant.
- Supports 36 bit Deep Color.
- Supports LPCM 7.1, Dolby TrueHD, Dolby digital Plus, and DTS-HD Master Audio.
- Support 3D.
- Bandwidth 18G.
- Support HDR.
- Support online firmware upgrade via Micro USB Port.

LOHDS2V4KHDR, LOHDS4V4KHDR, LOHDS8V4KHDR

SCHEMA COLLEGAMENTO



LOHD88104K



SPECIFICA	LOHD88104K
Operating Temperature Range	-5 ~ +40°C (23 ~ +104°F)
Storage Temperature Range	-10 ~ +60°C (-14 ~ +140 °F)
Operating Humidity Range	5 ~ 90% RH (no condensation)
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Bandwidth	18Gbit/s
Video Format Supported	4K@60Hz,YUV4:4:4 4k@30Hz/1080P/1080i/720P/576P/480P/576i/480i
HDCP Compliant	HDCP2.2 and HDCP1.4
Output Video	HDMI2.0 and HDMI 1.4 (over HDBaseT and HDMI)
Audio Format Supported	PCM, Dolby5.1, DTS5.1 digital audio
Max Transmission Distance	1080P 70m, 4K 40m
Power Consumption	125watts (Max)
Dimensions	438 x 394 x 88 mm
Mass (Main Unit)	8 KG

LOHD88104K

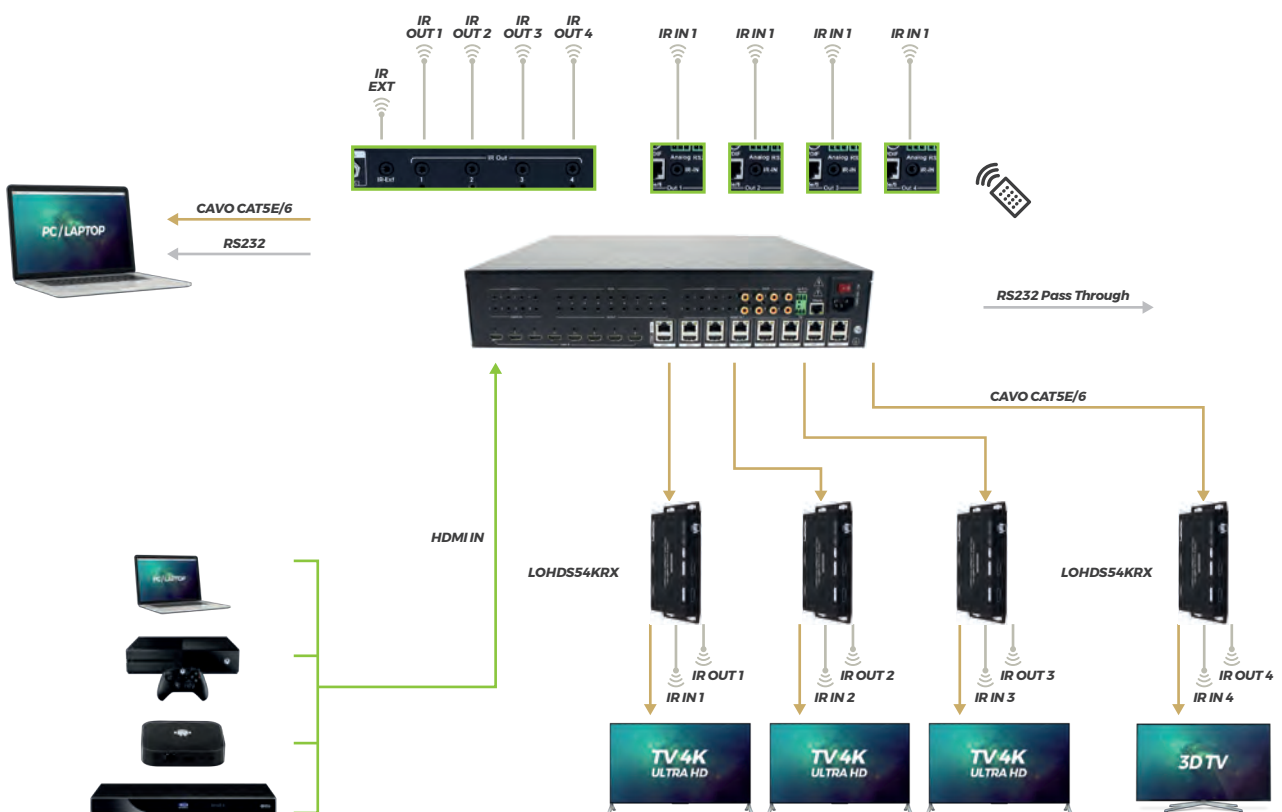
- Incorporate HDBaseT technology
- HDMI 2.0 version support 4K@60Hz YUV4:4:4, 18G, HDR10, Dolby Vision (HDMI LOOP)
- Any one of the 8 HDMI Sources to any one of the 8 HDMI Displays
- Each of the 8 outputs includes one HDBaseT output and one HDMI output simultaneously
- Transmit up to 70m under 1080p,40m under 4K@60Hz
- HDCP 2.2/1.4 compliant
- With wide-band Bi-Direction IR routed control(38~56KHz)
- Support 8x Analog Audio input
- Support 8x Analog Audio and 8x SPDIF Audio extraction output
- Support RS232 pass through
- Support Panel Button with LCD, IR Routing, RS232, TCP/IP, PC Tool Control
- Support POC (Receiver powered by HDBaseT Matrix)
- 2U rack design with mounting ears
- AC 110V~220V/50HZ/60HZ input



COMPATIBILE!

LOHD88104K

CONNESSIONE DA 8 SORGENTI



LOHDMX444KW

4K WALL IP RS232



SAT
DTT
TVCC

4K 30HZ

LOHDMX444KW

- Any one of the 4 sources to any one of the 4 displays.
- Seamless switching ensures no switching delay and pictures loss during transitions, the switching speed is less than 40 millisecond.
- Support video wall mode and output image mirror function.
- Any one of the four outputs can be turned off independently.
- Support PCM 2CH audio.
- Support EDID management
- Compliant HDCP 2.2 and HDCP1.4
- Support high definition resolutions, including: 4K30HZ,1080p@60Hz@36 b/pixels, and other standard video formats.
- Support output downscale to 1080P/720P/2560*1440/1920*1200/1360*768
- With panel button, Remote Control, RS232 Control, TCP/IP Control to select the source. And support for third-party platform control.
- 1U rack design, easy installment.
- DC 12V 2A power supply.
- Unit size: 438 x 205 x 44 mm.

SPECIFICA	LOHDMX444KW
Operating Temperature Range	0 to +40°C (32 to +104°F)
Operating Humidity Range	5 to 90 % RH (no condensation)
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Video Format Supported	DTV/HDTV: 1080P/1080i/720P/576P/480P/4K
Audio Format Supported	LPCM 2.0
Input ports	4xHDMI
Output ports	4xHDMI
Matrix mode	4x4 Seamless switching
Video wall mode	Multiple video wall modes
Power consumption	20watts(Maximum)
Dimension	438 x 205 x 44 mm
Weight	2710g

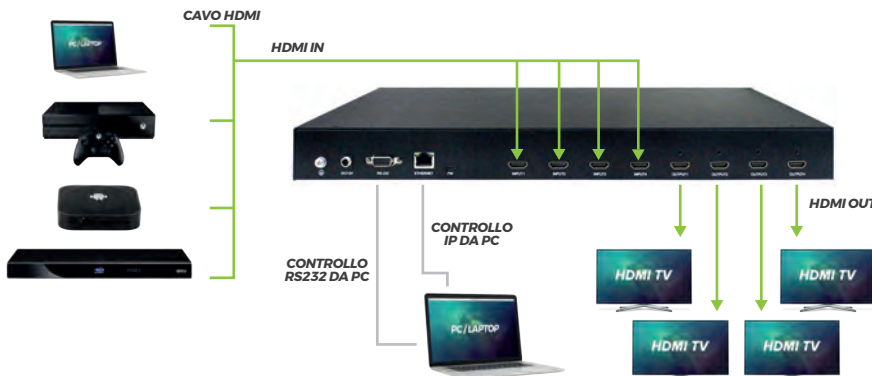


LOHDMX444KW

2X2 VIDEOWALL



4X4 HDMI MATRIX



LOHDMXV44

1080p WALL



SAT DTT TVCC

LOHDMXV44

- Split and splicing TV, monitors, video walls easily and conveniently
- No need computer and software control
- Get vertical video wall perfectly from horizontal sources
- Screen (180° Rotation of splicing monitor images)
- Display by 1x2, 1x3, 1x4, 2x2, and so on (option)
- Extendable Display by 3x2, 3x3, 4x4, etc (needs more controllers, or see the following connections and diagrams)



ROTAZIONE VIDEO 90°
 VIDEOWALL 2x2: ORIZZONTALE E VERTICALE



SPECIFICA	LOHDMXV44
Feature	
AV/CVBS Input	PAL/NTSC/SECAM CVBS signal (1.0Vp-p +/-5%)
HDMI Input	480p, 576p, 720p, 1080i, 1080p
DVII Input	480p, 576p, 720p, 1080i, 1080p
ATV Input	Analog TV
USB Input	Play movie, read text, photo from USB device
HDMI Input	x4
Selection Button	
Split/No	Split function (4 images display separate) Splicing function (one image on the entire video wall)
USB Mode	Enter USB mode
HDMI Mode	Enter HDMI mode and DVI mode
Input	Sources selection
Power supply	
Working Voltage	DC 12V
Power Consumption	≤ 1W
Comb Filter	3D
Others	
Keys Function	Full-function remote control: Mute, MENU, VOL+/- , CH+/-, Source, and so on
OSD Language	English, Chinese
Applications	Wall Display/Shopping Center/Security /Airport/ Control Room/Show Room/Entertainment Venue/ Command Centers//Educational Presentations / Medical Campuses / Corporate Lobbies/Restaurants/ Point-of Sale
Packing	
Unit Dimension	258x134x34 mm (L x W x H)
Gift Box Size	370x200x100mm (L x W x H)



LOHD16164K



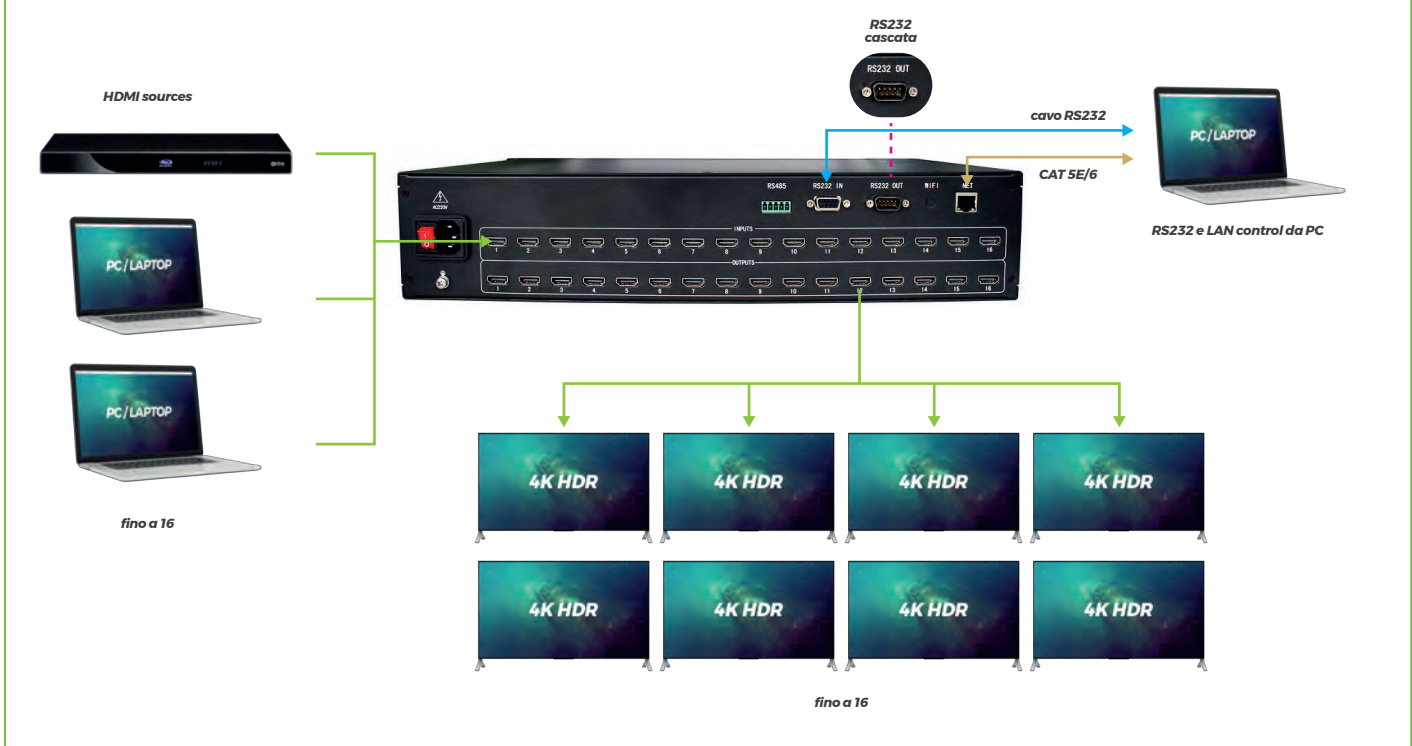
LOHD1 6164K

- Allows up to 16 HDMI Sources to be independently switched to HDMI Displays
- Supports resolutions up to 4K@30Hz
- Reading and saving EDID Function from HDMI Displays
- Switching modes: Panel Buttons, RS232, RS485, PC software control, WIFI (Option)

SPECIFICA	LOHD1616K
Specification	Interface Type-A-type HDMI Female Minimum Level 0.5Vp-p Maximum Level 1.0Vp-p Differential Impedance 100Ω Return Loss -30db@5MHz
	Interface HDMI A-type(19 pin) Female Input Level 0.7Vp-p Differential Impedance 100Ω Return Loss -30db@5MHz DC Compensation 5mV (Max)
Signal Type	HDMI1.4 specification HDMI-Aall-digital T.M.D.S.
Protocol	Support HDMI1.4 Protocol compatible with DVI1.0 Protocol
Bandwidth	340MHz
Video Format Supported	3840 x 2160P/1080P/1080i/720P/576P/480P/576i/480i
Serial interface	RS232, 9-pin female D-type connector, Ports 2, 3 and 5 are directly connected, Serial port parameters: 9600bps, 8-bit data, 1 start bit, 1 stop bit
Control Method	Panel Button, RS232, Remote Controller, PC software control
Power Supply	ACIN 176V - 264V
Power consumption	30 ~ 50W
Operation Temperature	0°C ~ 45°C
Relative Humidity	10% ~ 90%
ESD Protection	Human-body Model: ±8kV(Air-gap discharge) / ±4kV(Contact discharge)

LOHD16164K

SCHEMA COLLEGAMENTO



LOHD88KHDR

4K HDR POC HDCP



SAT
DTT
TVCC

4K UHD

LOHD88KHDR

- HDMI 2.0 version (Support 4K@60Hz YUV4:4:4)
- Support 3D
- Bandwidth upto 18Gbps
- HDCP2.2 input ,HDCP2.2 output
- HDCP1.4 input, HDCP1.4 output
- Support HDR10
- 8xHDMI Input, 8xHDMI output with 8xSPDIF Audio
- Any one of the 8 Ultra HD sources to any one of the 8 Ultra HD displays
- Support Panel Button, Local IR, RS232 Control with command, IP Control, Web GUI Control
- Support Dolby True HD and DTS-HD master audio
- 1U rack design, easy installment
- Unit size: L440XW220XH44.5mm

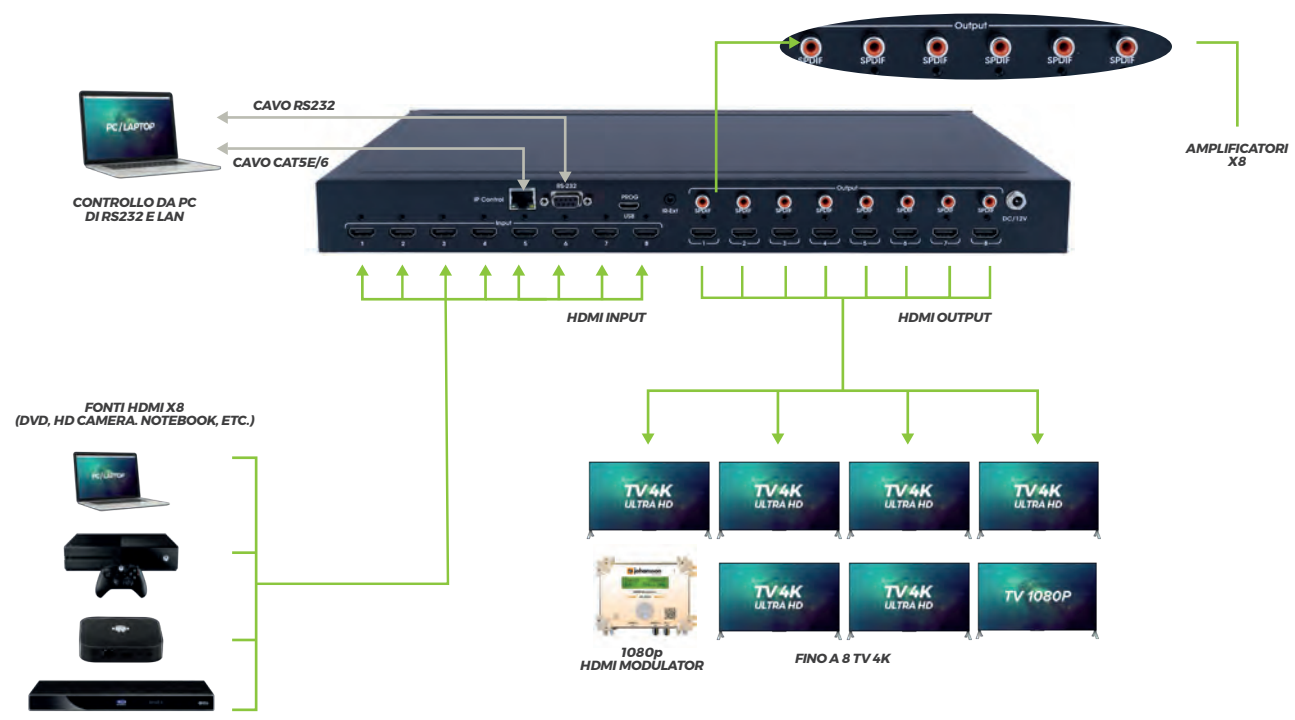
SPECIFICA	LOHD88KHDR
Bandwidth	18 Gbps
Resolution	480p@60hz,576P@50hz,720P@60hz, 1080P@24hz,1080P@50hz,1080P@60hz,4K@24hz,4K@30hz, 4K@60hz YUV4:2:0, 4K@ 60hz YUV4:4:4
Video Input Connectors	8xHDMI Type A, 19-pin, female
Video Output Connectors	8xHDMI Type A, 19-pin, female
RS-232 serial port	DB9, female
Ethernet port (IP control)	RJ45, female
IR Ext port	1x3.5mm stereo jack
Rack-Mountable	Rack ears included
Dimensions (WxHxD)	L440XW220XH44.5mm
Net Weight	2.8kg
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Storage Temperature	-40°F to 158Z°F (-40°C to 70°C)
Power consumption	19W(Max)

HDR **HDMI 8 IN** **HDMI 8 OUT**



LOHD88KHDR

SCHEMA COLLEGAMENTO



LOHD44KHDR

4K HDR POC HDCP



LOHD44KHDR

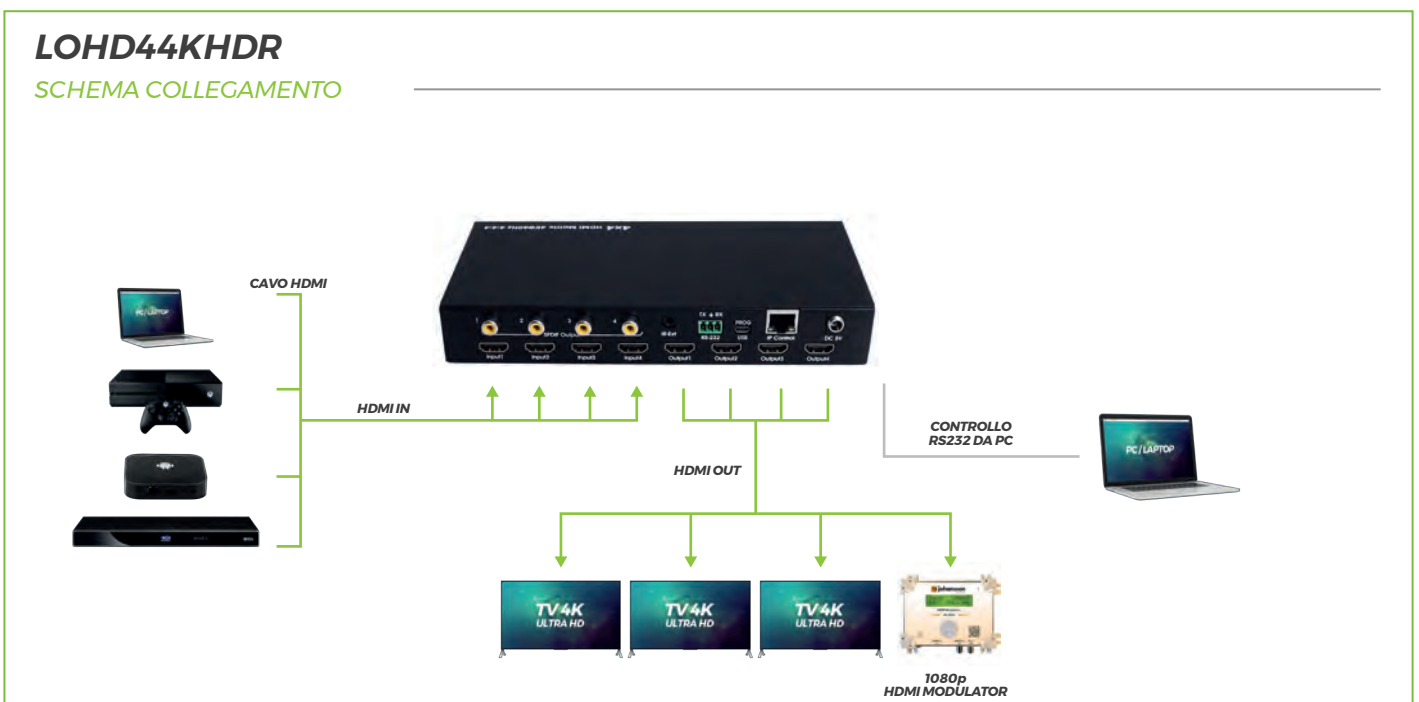
- HDMI 2.0 version (Support 4K@60Hz YUV4:4:4)
- Bandwidth upto 18Gbps
- HDCP2.2 input, HDCP2.2 output
- HDCP1.4 input, HDCP1.4 output
- Support HDR10
- 4xHDMI Input, 4xHDMI output with 4xSPDIF Audio
- Any one of the 4 Ultra HD sources to any one of the 4 Ultra HD displays
- Support Panel Button, Local IR, RS232 Control with command, IP Control, Web GUI Control
- Support Dolby True HD and DTS-HD master audio, Dolby Atmos under copy EDID mode
- Support firmware updating through USB port
- Unit size: L216XW105XH34mm

SPECIFICA	LOHD44KHDR
Operating Temperature	23°F to 113°F (-5°C to 45°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Resolution	480p@60hz,576P@50hz,720P@60hz, 1080P@24hz,1080P@50hz,1080P@60hz,4K@24hz, 4K@30hz, 4K@60hz YUV4:2:0, 4K@ 60hz YUV4:4:4
HDCP Compliant	HDCP2.2 and HDCP1.4
Output video	HDMI2.0 and HDMI 1.4
Audio Format Supported	PCM, Dolby5.1/7.1, DTS5.1/7.1 digital audio, Dolby Atmos
RS-232 serial port	3PIN terminal block connectors
Ethernet port (IP control)	RJ45, female
IR Ext port	1x3.5mm stereo jack
USB port	Micro 5P female
Bandwidth	18 Gbps
Default IP	192.168.1.168
Rack-Mountable	Rack ears included
Dimensions(WxHxD)	L216XW105XH34mm
Net Weight	0.72kg
Power consumption	13W (Max)



LOHD44KHDR

SCHEMA COLLEGAMENTO



LOHD44KHDR19R

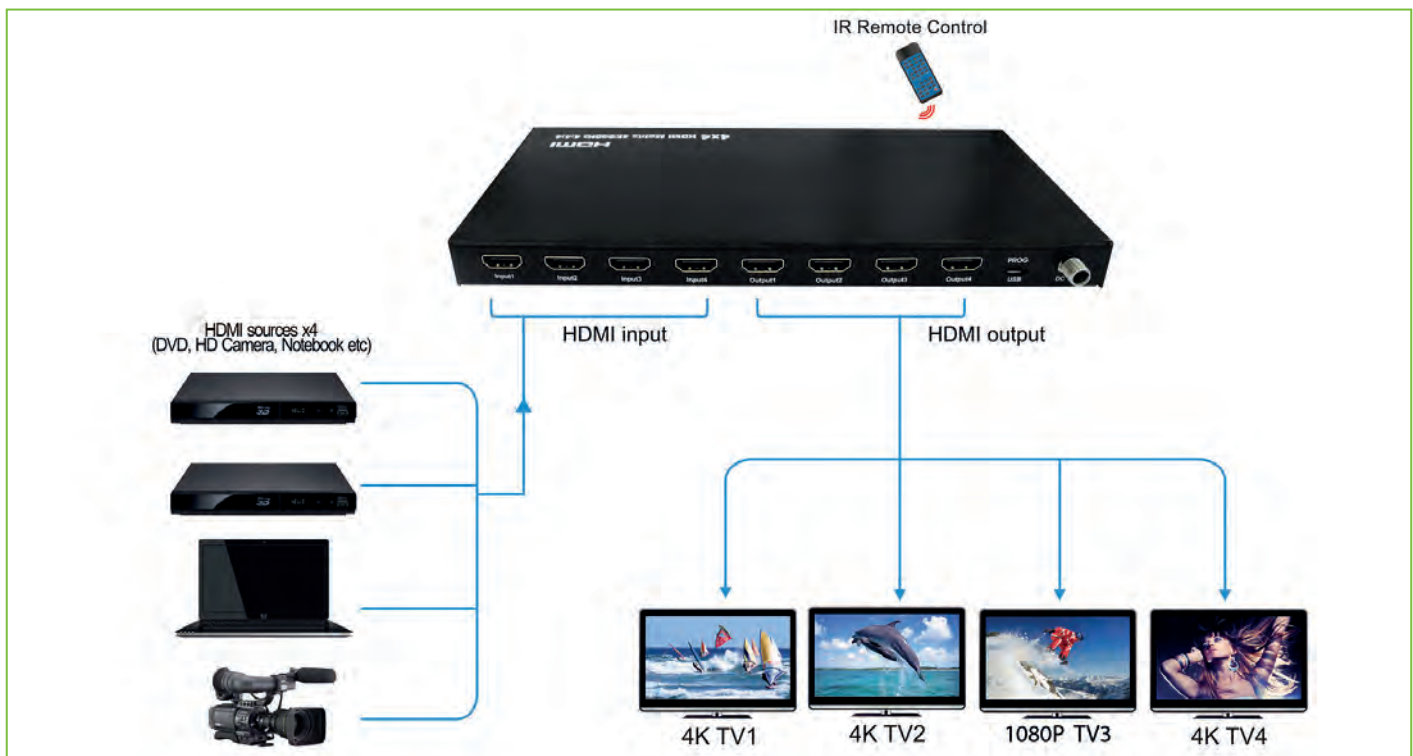
4K **UHD** **HDR10** **TLC** **HDCP** **HDMI** **RACK**



SPECIFICA	LOHD44KHDR19R
Bandwidth	18 Gbps
Resolution	480p@60hz, 576P@50hz, 720P@60hz, 1080P@24hz, 1080P@50hz, 1080P@60hz, 4K@24hz, 4K@30hz, 4K@60hz YUV4:2:0, 4K@ 60hz YUV4:4:4
Operating Temperature Range	0 to +40°C (32 to +104°F)
Operating Humidity Range	5 to 90 % RH (no condensation)
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Support	HDR10, HDR, Dolby vision
Deep color	8bit, 10bit, 12bit
Output Video	HDMI 2.0+HDCP1.4/2.2
Output Audio	Support LPCM7.1/24-bit/96khz, Dolby Atmos and DTS-X
Dimensions(WxHxD)	L239.2XW105.8XH20mm
Net Weight	0.76 kg
Power consumption	12.3W(Max)

LOHD44KHDR19R

- 4x4 HDMI Matrix, 4xHDMI Inputs, 4xHDMI Outputs
- HDMI 2.0 version (Support upto 4K@60Hz YUV4:4:4 8bit)
- Bandwidth up to 18 Gbps
- HDCP 2.2/HDCP1.4 compliant
- Support Panel button, IR remote control
- Support Micro USB port for firmware upgrade
- Support HDR10, HDR, Dolby vision, deep color upto 12bit
- Support LPCM7.1/24-bit/96khz, Dolby Atmos and DTS-X
- Support EDID management (Copy EDID, Build-in EDID)
- Support 4K60Hz input downscaler to 1080p



LOHDEW03

1080p **H.264** **USB** **WIFI**


LOHDEW03

- Supporta HDMI1.4a, HDCP 1.4
- Modulo wifi IEEE 802.11 b/g/n, velocità fino a 150Mbps, supporta modalità access point e station
- Interfaccia ethernet 10/100mbps
- Segnale video ingresso 1080p60
- H.264 High Profile @ level 4.1, ritardo meno di 70ms
- Audio AAC-LC e G.711
- Supporta dual stream
- Protocollo RTP/RTSP
- Supporta protocolli push RTMP, UDP-TS
- Supporta ONVIF 1.1/2.0
- Interfaccia web e video preview online

SPECIFICA	LOHDEW03
Segnale	
HDMI	HDMI 1.4a / HDCP 1.4
Risoluzione	1080p/720p/480p/576p/480i/576i (max 60Hz), compatibile con risoluzione VESA
Audio analogico	Line in (1.5Vp-p)
Codifica	
Video	H.264 high profile (@level 4.1)
Audio	AAC-LC, G.711 (u-Law/a-Law)
Ritardo	≤70ms
Video bitrate	512Kbps ~ 15Mbps
Audio bitrate	AAC: 16~256Kbps // G.711: 64Kbps
Trasmissione	
Protocolli	RTP/RTSP, RTMP, HLS, MPEG-TS Push and HTTP
Protocollo controllo	TCP
Protocollo network	HTTP / Onvif
Protocollo PTZ	Pelco-D / Sony Visca (through RS485 extend adapter)
Generico	
Ingresso/uscita video	1x HDMI / 1x HDMI loop out
Video source	HDMI
Ingresso/uscita audio	1x 3,5mm jack
Network	1x RJ-45, 10/100M self-adaptive Ethernet network
USB	1x micro usb (2.0), usb supporta l'alimentazione
Alimentazione	DC 5V, 2A
Consumo	≤3W
Temperatura operativa	-20°C ~ +75°C



LOHDEW03

SCHEMA COLLEGAMENTO

