



# SABER 4K

4K Video Conferencing Camera

## Ultra HD 4K Optics

Utilising the highest quality sensors and a multi-glass lens, the Blade series delivers class leading optics and crystal clear life like video that makes your video conference feel like you are sitting together in the same room.



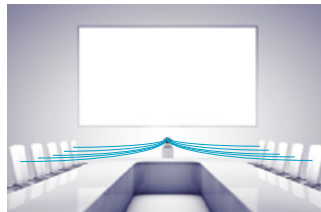
## Ultra Optix

Utilizing advanced imaging technology, Ultraoptix reduces 3D video noise. The result is a balanced image that renders the image with a clarity and sharpness that creates a more defined image.



## 10 Presets and more

Ensure a smooth conference by setting up 10 presets covering every person on the table. Presets can be controlled via the remote or via RS232 where you can set a huge 128 presets.



## All the controls

We've covered every base to ensure you have full flexibility to control the camera near end, far end and with multiple options including:

IR remote,  
Visca and desktop app control NECC.  
RJ45 support control, video stream  
POE-Power Over Ethernet.



## 12x + 2x Zoom

12 x Optical + 2 x Digital zoom gets you up close and personal. Even in a large room this lossless zoom will get right into the details, with smooth motion and accurate precision, with both manual and auto focus options at your fingertips.



## Perfect your lighting

Weird backlighting, the room is dark, super bright lights washing out the image? Adjust the exposure, brightness, backlighting and more on screen all via the remote!



## Multi- Camera control

Advanced integration capabilities are built into the Saber 4K, including an RS-232 port in and out allowing you to control up to 6 cameras simultaneously.



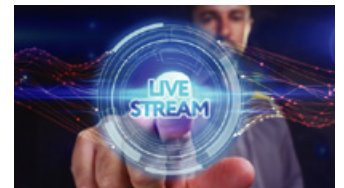
## Plug n Play

Connects to your favourite video conference app, cloud service or audio system via USB. Simply plug the camera into your laptop, PC and Mac. No drivers needed.



## IP Live Streaming

Advertise to the world via IP live streaming connecting to the latest broadcasting platforms including facebook live, youtube live and more, all at the touch of a button.



## Simultaneous Outputs

We combine IP, HDMI, SDI and USB3.0 whilst also giving you the capability to simultaneously view the USB recording whilst streaming with HDMI output.



## 3 Year Warranty

Feel secure knowing your investment is covered well and truly beyond the industry standard. Thats how confident we are that you will love our products and that they will last!



## Specifications

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### SABER 4K

- 4K 30fps over IP & HDMI
- 1080p 60fps over HDMI, SDI and USB3.0
- 4K High quality 12x Optical Zoom lens at 72.5°FOV
- 24x HD lossless zoom
- Multiple video output through HDMI / RJ45 / SDI / USB3.0
- WDR, 3D Noise Reduction feature
- Support RS232/485 Serial Control
- Sony Visca and Pelco P/D Protocol
- Supports Daisy Chain Feature
- Day/night switch for surveillance market

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#### Connectivity

- DC12V/2.0A
- Power port: HEC3800
- VISCA In/Out RS232
- LAN
- USB3
- SDI
- HDMI

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#### Motorized Pan and Tilt

- Pan:  $\pm 170^\circ$
- Tilt:  $90^\circ$  (up) -  $30^\circ$  (down)
- Rotation Speed: Pan - 0 -  $120^\circ/s$ , Tilt - 0 -  $80^\circ/s$
- 10 camera pre-sets via IR Remote Control
- Belt drive technology – twin motors for smooth, quiet and fast movement

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#### Video Format

- HDMI – 3840 x 2160p30/25, 1080p60/50/30/25/59.94/29.97/24, 720p60/50/30/25/59.94/29.97, 1080i60/50/59.94
- IP - 3840 x 2160p1~30, 1920x1080p1~30 (main stream), 1280x720, 704x576, 640x480, 352x288 (sub stream)
- SDI - 1080p60/50/30/25/59.94/29.97/24, 720p60/50/30/25/59.94/29.97, 1080i60/50/59.94
- USB3.0 - 1080p60/50/30/25, 720p60/50/30/25
- USB2.0 – 1024x576p30, 960x540p30, 640x360p30, 512x288p30

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#### Control

- 10 via IR Remote Control

- 128 via VISCA Control
- SB UVC FECC and 8 pin mini DIN
- VISCA/Pelco D/ Pelco P Protocol via RS232

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#### Mount

- Camera mount for wall and ceiling (optional for purchase)
- Reverse mountable, standard tripod screw on bottom of unit

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#### System Requirements

- Windows® 7/ 8/8.1/10
- Mac OS® X 10.7 or higher
- Google Chrome book version 29.0.1547.70, platform 4319.79.0

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#### Power Supply

- Consumption: 12V, 2A
- Max Consumption: 24W

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#### Environmental Data

- Working temperature: -5 - 45°C
- Storage temperature: -20 - 60°C

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#### Dimensions

- Package Dimensions: 310 x 265 x280 mm
- Net Weight: 1.47kg

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#### Package Contents

- 1x Camera
- 1x Power Adapter
- 1x Power Cable
- 1x RS232 Control Cable
- 1x USB3.0 Cable
- 1x Remote Controller
- 1x User Manual
- 1x Double-sided Adhesive

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#### Warranty

- Camera: 3 Years
- **Straight Swap:** Faulty unit to be replaced with brand new unit if a fault happens in the first 3 months!

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#### Compatible Applications

- ZOOM, Adobe Connect, BlueJeans, CyberLink U Meeting®, Cisco WebEx®, Google Hangout, GoToMeeting, Intel® Unite™, Microsoft® Lync™, Skype™, Skype for Business, V-Cube, vMix, WebRTC, Wirecast, XSplit

TV PHILIPS LED 65" SMART TV 65PUS8007/12  
4K UHD ANDROID TV 9.0 QCORE 4HDMI 2USB



DESIGN	
COLORE DEL PRODOTTO	NERO
INDICAZIONE FORZA SEGNALE	SÌ
MONTAGGIO STANDARD VESA	SÌ
INTERFACCE CON MONTAGGIO VESA	300 X 300 MM
ILLUMINAZIONE D'AMBIENTE	SÌ
COLORE SUPPORTO	NERO
TIPO DI SUPPORTO	KIT PIEDINI
PERFORMANCE	
FORMATI AUDIO SUPPORTATI	AAC, MP3, WAV, WMA, WMA-PRO
FORMATI IMMAGINI SUPPORTATI	BMP, GIF, HEIF, JPEG, PNG
FORMATI VIDEO SUPPORTATI	AVI, H.264, HEVC/H.265, MKV, MPEG1, MPEG2, MPEG4, VP9
FUNZIONE TELEVIDEO	SÌ
TELEVIDEO	1000 PAGINE
SMART TV	
INTERNET TV	SÌ
SMART TV	SÌ
PRESTAZIONE	
FORMATO SOTTOTITOLI SUPPORTATO	ASS, SMI, SRT, SSA, SUB, TXT
MODALITÀ GIOCO	SÌ
NUMERO DI CORE DEL PROCESSORE	4
FUNZIONE SOTTOTITOLI	SÌ
STANDARD TELEVIDEO	IPERTESTO
TECNOLOGIA DI ELABORAZIONE IMMAGINE	PHILIPS PIXEL PRECISE ULTRA HD
HIGH DYNAMIC RANGE (HDR) SUPPORTATO	SÌ
TECNOLOGIA HIGH DYNAMIC RANGE (HDR)	DOLBY VISION, HIGH DYNAMIC RANGE 10+ (HDR10 PLUS), HYBRID LOG-GAMMA (HLG)
RIDUZIONE RUMORE	NO

TV SMART	
APPLICAZIONI VIDEO	AMAZON PRIME VIDEO, BBC IPLAYER, DISNEY+, NETFLIX, YOUTUBE

Wi-Fi DVB-T/T2/T2-HD/C/S/S2

DETTAGLIO PRODOTTO E GARANZIA

CODICE ARTICOLO	CODICE PRODUTTORE	EAN
12550	65PUS8007/12	8718863033944
DOA	GARANZIA	
No	2 anni; Diretta utente finale tel. 039 9685706	

SCHEDA TECNICA

SISTEMA OPERATIVO INCLUSO	ANDROID
VERSIONE SISTEMA OPERATIVO	11
HYBRID BROADCAST BROADBAND TV (HBBTV)	SÌ
DATI SU IMBALLAGGIO	
ALTEZZA IMBALLO	995 MM
LARGHEZZA IMBALLO	1600 MM
PROFONDITÀ IMBALLO	170 MM
PESO INCLUSO IMBALLO	28100 G
SUPPORTO PER SCRIVANIA	SÌ
TELECOMANDO PORTATILE	SÌ
CAVI INCLUSI	AC
COLLEGAMENTO IN RETE	
VERSIONE BLUETOOTH	5.0
DISPLAY	
SCREEN SHAPE	PIATTO
TECNOLOGIA DISPLAY	LED
FREQUENZA DI AGGIORNAMENTO NATIVO	60 HZ
RAPPORTO D'ASPETTO NATIVO	16:9
DIMENSIONI SCHERMO	65 "
DIMENSIONI SCHERMO	164 CM
RISOLUZIONE	3840 X 2160 PIXEL
TIPOLOGIA HD	4K ULTRA HD
AUDIO	
REGOLATORE VOLUME AUTOMATICO	SÌ
FORMATO AUDIO INTEGRATO	DOLBY ATMOS
POTENZA IN USCITA (RMS)	20 W
NUMERO DI ALTOPARLANTI	2
CONNETTIVITÀ	
QUANTITÀ PORTE HDMI	4
PC IN (D-SUB)	NO
INTERFACCIA COMUNE	SÌ
QUANTITÀ PORTE ETHERNET LAN (RJ-45)	1
ALTOPARLANTE / CUFFIA / SPINOTTO DI USCITA	1
QUANTITÀ PORTE USB 2.0	2
HDCP	SÌ
USCITA AUDIO DIGITALE OTTICO	1
AUDIO RETURN CHANNEL (ARC)	SÌ
CONSUMER ELECTRONICS CONTROL (CEC)	EASYLINK
COMMON INTERFACE PLUS (CI+)	SÌ
DIMENSIONI E PESO	
LARGHEZZA SUPPORTO	810 MM
ALTEZZA (SENZA SUPPORTO)	833.5 MM
LARGHEZZA (SENZA SUPPORTO)	1450.5 MM
PROFONDITÀ (SENZA SUPPORTO)	85.1 MM
PESO (CON SUPPORTO)	21700 G
PESO (SENZA SUPPORTO)	21600 G
ALTEZZA (CON SUPPORTO)	861,9 MM

PROFONDITÀ (CON SUPPORTO)	293,2 MM
LARGHEZZA (CON SUPPORTO)	1450,5 MM
CLASSE CLIMATICA	293.2 MM
GESTIONE ENERGETICA	
FREQUENZA DI INGRESSO AC	50/60 HZ
TENSIONE DI INGRESSO AC	220 - 240 V
SCALA DI EFFICIENZA ENERGETICA	D A A A G
CLASSE DI EFFICIENZA ENERGETICA (HDR)	G
CONSUMO DI ENERGIA (HDR) PER 1000 ORE	132 KWH
CLASSE DI EFFICIENZA ENERGETICA (SDR)	F
CONSUMO DI ENERGIA (SDR) PER 1000 ORE	101 KWH
CONSUMI (MODALITÀ STAND-BY)	0,3 W
NETWORKING	
BLUETOOTH	SÌ
CONNESSIONE WLAN	SÌ
TIPO WIRELESS LAN	WI-FI 4 (802.11N)
COLLEGAMENTO ETHERNET LAN	SÌ
TV TUNER	
FORMATO VIDEO ANALOGICO	PAL, SECAM
TIPO SINTONIZZATORE	ANALOGICO E DIGITALE
FORMATO DEL SEGNALE DIGITALE	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2, DVB-T2 HD
CARATTERISTICHE DI GESTIONE	
PERIODO DI PROGRAMMAZIONE	8 GIORNO(I)
FIRMWARE AGGIORNABILE TRAMITE	GUIDA DI AGGIORNAMENTO AUTOMATICO, RETE, USB
FUNZIONE PICTURE MUTE (PER RADIO)	SÌ
MODALITÀ ECO	SÌ
CONTROLLO VOCALE	SÌ
FUNZIONA CON GOOGLE ASSISTANT	SÌ
FIRMWARE AGGIORNABILE	SÌ
ELECTRONIC PROGRAMME GUIDE (EPG)	SÌ
TIMER DI SPEGNIMENTO	SÌ