



THE G-TOUCH®
OPAL
INTERACTIVE
DISPLAY

Part of the Gem Series.



THE HOME OF INNOVATION





INTRODUCTION

Genee is a leading UK-based manufacturer of innovative technological solutions. The G-Touch® Opal Range has everything the Ruby and Sapphire have and more! With improved connectivity with USB Type C, additional memory, extra data storage and Bluetooth. Along with Android 11 built-in and the latest chipset technology for fast and responsive use. The user interface is one of the most important factors when developing digital touch technology. Developing a 3-touch rule allows users to access any function within 3 touches, ensuring an intuitive and easy way to use our G-Touch® screens. The ideal touchscreen to elevate your presentations, collaborations and events. All of our products are supported by our internal UK team and come with a comprehensive warranty.





G-TOUCH® OPAL FEATURES

With a commitment to user experience, the G-Touch® Opal transcends traditional screen functionalities. Standing as a beacon of efficiency, its intuitive design fosters an immersive environment where collaboration between a multitude of users becomes second nature, turning the workplace or classroom into a hub of creativity and synergy. By seamlessly weaving productivity and well-being into the very fabric of your workflow, this cutting-edge technology is poised to become an indispensable companion in your pursuit of excellence and innovation.



Multi-Touch

With multi-touch technology several people are able to work and collaborate on the screen at once. This allows you to also benefit from multi-touch software.



Dual Pen

The intuitive G-Touch® screen can recognise when you are using a pen or finger.



OPS Slot

All G-Touch® models have the option to add a built-in PC. Our simple 'slide and secure' fitting options allow for easy upgrades.

BUILT-IN ANDROID

The G-Touch® Opal screen comes complete with the latest Android 11 operating system with the ability to download apps from the Genee App Store. Seamlessly integrate technology such as our Genee Vision Visualisers.



NATURAL WRITING EXPERIENCE

The G-Touch® Opal has a short response time which allows for a natural writing experience with next to no lag. All G-Touch® Interactive Displays also come with a magnetic pen which you can use for precise handwriting.



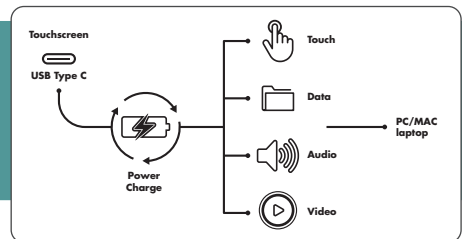
INTERGRATED MDM SOLUTION

G-Touch® Opal Range integrates Mobile Device Management (MDM), providing centralised control for multiple screens via a user-friendly cloud platform, allowing you to manage multiple devices, share messages, and perform software updates.



USB TYPE C

USB Type C is the latest USB connector which simplifies the amount of cables you need to connect a device to a touchscreen. You can now use one cable to transmit data, audio, video, ethernet, touch and power.



Gesture Control

G-Touch® is designed for utmost user-friendliness, minimising screen touches with intuitive gestures. Simple swipes enable complex functions, mirroring familiar phone gestures like pinch to zoom and image rotation on our touchscreens.



Blue Light Filter

The blue light filter decreases the amount of blue light displayed on the screen of the device. This can help reduce digital eye strain, which will make your eyes feel less tired by the end of the day.



Anti-Glare

All of our G-Touch® screens have the latest anti-glare technology. This coupled with the brightness of our LED panel enable content to be viewed in any environment.



CONNECTIVITY VARIOUS INPUTS AND OUTPUTS

Buttons and connection ports are now front facing for easy access, and side facing for a neater and more permanent option, allowing devices to be connected through a range of multiple inputs; this makes it ideal for a variation between permanent and visiting staff and guests. A multitude of different devices can be connected through a range of inputs and outputs, allowing the G-Touch® Opal to easily integrate with all standard technology already in the classroom and workplaces.





AUTO GENERATE CALENDAR INVITES FOR EVENTS

Register will now automatically email an Outlook .ics calendar invite to all invited members of a meeting.



Other features of Genee Register

Customisation	✓	Cloud Based	✓
Meetings	✓	Backups	✓
Sign in & Out	✓	Remote Support	✓
Interactive White	✓	Sign in Staff	✓
Reports	✓	User Management	✓
GDPR	✓	Multiple Site / Point of Entry	✓
100 Registered Visitors (if applicable)	✓	Back End Access	✓



Genee Register

A standard bundle includes a 21" high-resolution monitor, touch screen or dual monitor option.

GENEE WIRELESS DISPLAY MIRRORING

The G-Touch® Opal Range has built-in wireless display mirroring. This allows everyone in the room to cast their Apple, Google, Android or PC device directly to the screen. Allowing the option for immediate feedback by reviewing answers on the screen.

The G-Touch® Opal allows users to cast their Google and Apple devices without the need for third-party applications. Simply, press screen mirroring on your device, enter the code which is displayed on the touchscreen and you will be connected.



Call us on +44 (0)1902 390 862 (UK Sales option 1) and ask for a FREE demonstration.

GENEE APP STORE

“ You wouldn’t buy a mobile device without an accompanying App Store, so why would you purchase a touchscreen without one?”



The Gem Series comes with the GenEE App Store pre-installed. The store provides quick and easy access to a range of applications. The GenEE App store has hundreds of apps with over 80% being free of charge.

GEM Series is compatible with:



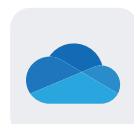
Microsoft
Teams



Zoom



Google
Workspace



Microsoft
Office
Onedrive



Dropbox



Google
Meet

SOFTWARE SPOTLIGHT



SPARK II

SPARK II is an interactive screen software. Designed to work on both interactive whiteboards and

LED touchscreens, it provides a presenter or teacher with an infinite canvas area. As well as importing documents and images from local files or the internet, this software will run over the top of other applications allowing you to annotate, highlight and manipulate objects. SPARK II is available for FREE on all G-Touch® screens.



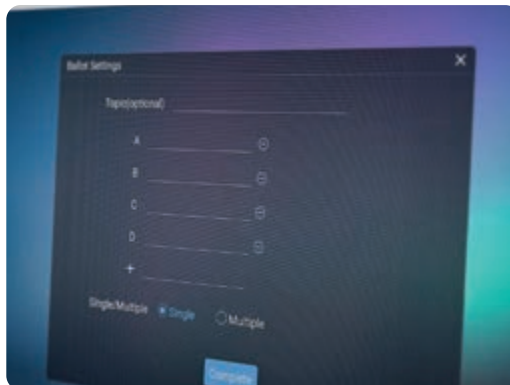
Watch the SPARK II product video here:

<https://www.youtube.com/watch?v=pVfQpiJeBTE>



G-VOTE

The built in G-Touch® voting system allows the presenter to create polls within seconds and the audience to scan a QR code and answer instantly. Once the audience has voted the presenters can see the votes and even view it as a pie chart and import it directly into SPARK Lite!



ACCESSORIES

Depending on your requirements we have a range of accessories that are interoperable with our G-Touch® Range.



GENEE Ai VIDEO BAR

The all new intelligent 4K audio and video integrated conference camera from Genee.

This conference camera is incredibly powerful as it adopts a variety of advanced Ai intelligent algorithms, and integrates multiple Ai framing technologies such as:



Intelligent Framing
Face Detection



Sound Source
Localisation
Positioning



Voice Tracking
6 Metre Pickup
Distance



Camera 120°
Viewing Angle



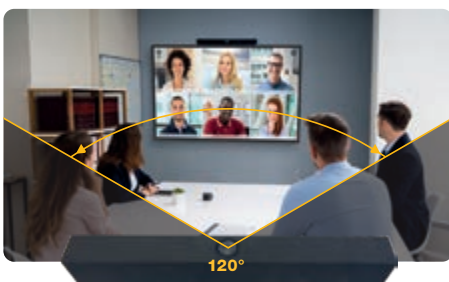
Sound
Built-in Speakers



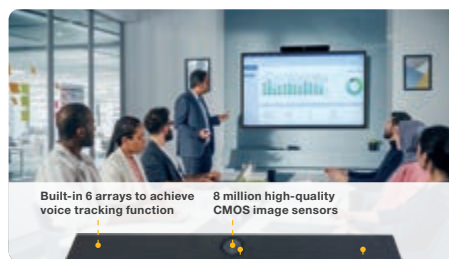
6 Array
Microphones



Simple Connectivity
USB3.0 Plug-N-Play



120°



Built-in 6 arrays to achieve
voice tracking function

8 million high-quality
CMOS image sensors

4K

Built-in high-quality
double speaker
sound box



Undistorted Large-view Lens

All participants have a panoramic view, easily covering every corner of the meeting room, thanks to a 120° super-large viewing angle, an undistorted lens, and no need to adjust the lens position.

Integrated Design / Ultra HD image

A clever design that incorporates a camera, microphone, and speaker. It has 8 million high-quality CMOS image sensors and can produce 4K ultra-high-definition images, clear and realistic ultra-high-definition videos, vividly show character expressions and actions and provide image quality with superior clarity and resolution.

Voice Tracking / Built-in Speaker

Built-in 6 arrays to achieve voice tracking function, and real-time tracking of each speaker, allowing remote participants to break the limitation of distance and have an immersive, face-to-face experience.

MINI SLOT-IN PC (OPS UNIT)

Futureproof your technology investments.

OPS (Open Pluggable Specification) enables you with the ability to upgrade your existing touchscreens to your individual requirements, while helping to futureproof technology investments. The OPS unit can accommodate further, as it can be interchangeable with other devices. You can simply just plug in the OPS unit and experience all the benefits of working in a PC environment.



FEATURES

- ◆ Support Tiger Lake-UP3 11th Gen Intel® Core™ i3/i5/i7 CPU
- ◆ Support DP/HDMI Sync & Async Dual Display
- ◆ Support Diskless Booting, Power on & Booting and Time Booting by BIOS
- ◆ Support One-key Backup & Restore OS by BIOS
- ◆ Support 4K/60Hz UHD
- ◆ Type-C can be USB3.2, Files & Video Transferring/Playing
- ◆ Support TPM2.0



Available as i3, i5 & i7 and lots of memory and storage options to fit your needs.

WALL MOUNTS AND STANDS

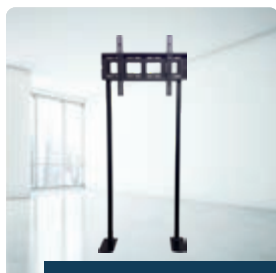
Designed to provide the perfect means for displaying your interactive touchscreen, whether in a classroom, training centre, or board room, we offer a comprehensive range of stands, trolleys and wall mounts. The Genee range is designed to **match your needs and your environment within your budget**. Our stands, wall mounts and trolleys have been selected to provide a solution for all G-Touch® Gem Series, but are also **compatible with other branded screens**. Whether you would like your screen to be wall mounted and placed in a permanent location, or to be on a trolley so that it can be moved around the room or the building, we have a mounting solution that will work for you.

Genee Standard Mounting



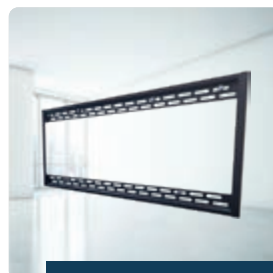
Wall Mount

STA050020



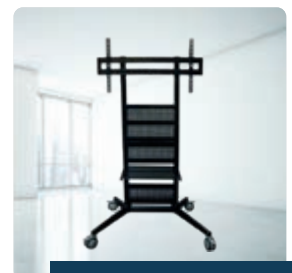
H Frame and Bracket

STA060020



Wall Plate

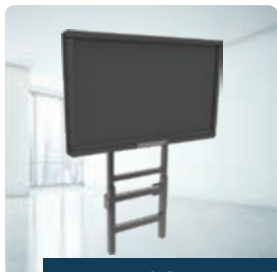
STA140010



Mobile Floor Trolley

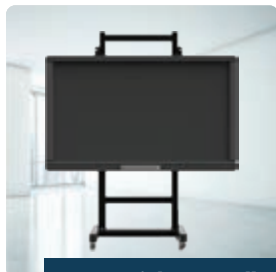
STA080010

Genee Manual High-Low Range Stand and Trolley



High-Low Stand

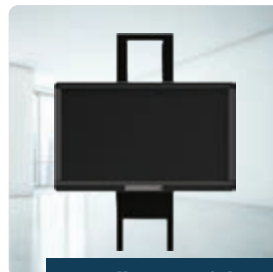
STA210110



High-Low Trolley

STA220120

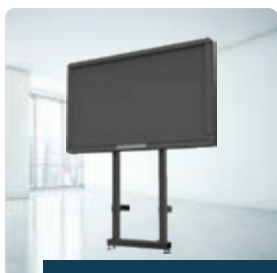
Genee Electric Wall Mounts with floor support High-Low



Wall Mount High-Low

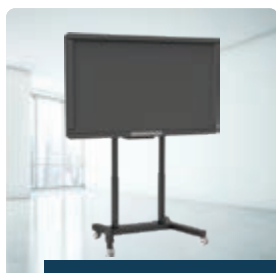
STA210010

Genee Electric High-Low Range Stand and Trolley



High-Low Stand

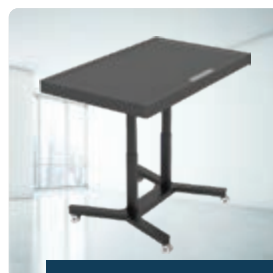
STA210020



High-Low Trolley

STA220020

Genee Mobile Flip Trolley (Allows horizontal and vertical tilt)



Flip Trolley High-Low

STA110020

See the full range here:

<http://genee-group.com/wall-mounts-trolley-and-stands/>

GENEE VISION VISUALISERS

Take your presentation to the next level. Display your small prototypes and printed documents on a larger scale. With Genee Visualisers you can make a strong impact on your audience, adding visual content to enhance your presentation by showing

your content – in almost microscopic detail. Connect your visualiser to a PC and use Genee Toolbar software to annotate, take stills, zoom and more. You can also do this wirelessly with the new wireless visualiser.

Wired Range



Wireless Range



NEW
WIRELESS
VERSION!

GENEE VISION®

Call us on +44 (0)1902 390 862 (UK Sales option 1) and ask for a FREE demonstration.

SERVICES

MDM GENEЕ CONTROL

Mobile Device Management (MDM) provides you with complete control of all your G-Touch® screens through a single, cloud-based platform, enabling complex operations and tasks to be completed in a refreshingly straightforward manner.

- Control multiple devices at once.
- Ability to share messages.
- Updating software.

With the G-Touch® Opal Range, the MDM solution is integrated into the user interface, ensuring a streamlined and intuitive experience, and aligning with our commitment to providing an effortless, comprehensive interactive solution.



WARRANTY & IN-HOUSE TECHNICAL TEAM



We provide a warranty across all Genee products ranging from 3-5 years. Our Genee technical team are there to assist with any problems you may have with your Genee products, within your warranty period or outside the warranty period. Genee ensures to provide the ultimate customer experience, which is why Genee is one of the few AV manufacturers that employs its own dedicated internal UK-based technical team, rather than sub-contracting to a third party. You can be rest assured when it comes to our hardware support, it will be a Genee-qualified engineer who will provide the best customer service and support.

TRAINING

Our training programmes are delivered by fully qualified Genee staff. This will enable you to fully utilise your new technology to enhance learning and presentations ultimately increasing engagement levels.

This programme is designed for skills training, building on the content of each introductory training session. Receive your first introductory training session for free when you purchase any G-Touch® product.



WHAT'S INCLUDED IN THE BOX?

Inside the box includes everything you need to get going!



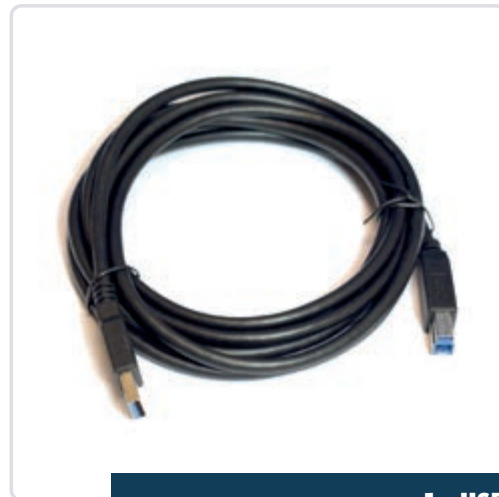
2x Antennas



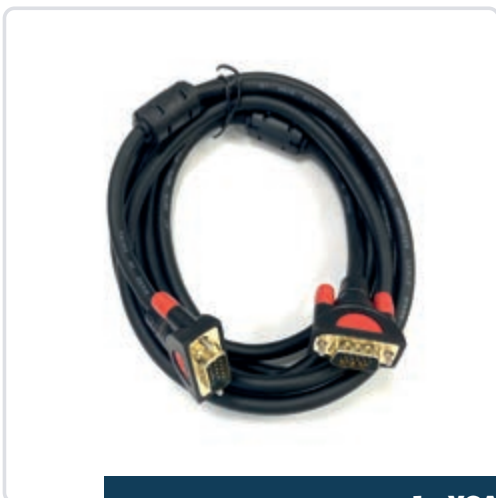
1x Remote Control



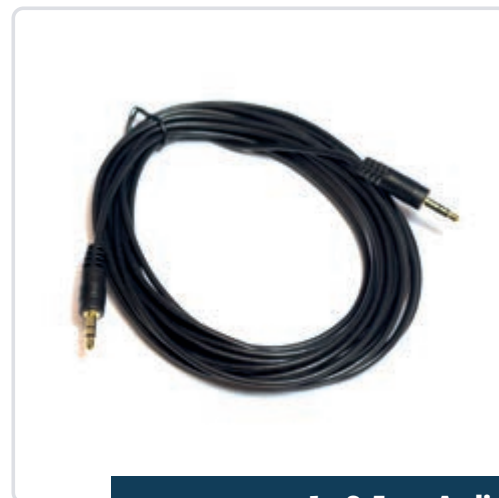
1x Magnetic Pen



1x USB



1x VGA



1x 3.5mm Audio

WHAT'S INCLUDED IN THE BOX?

Continued



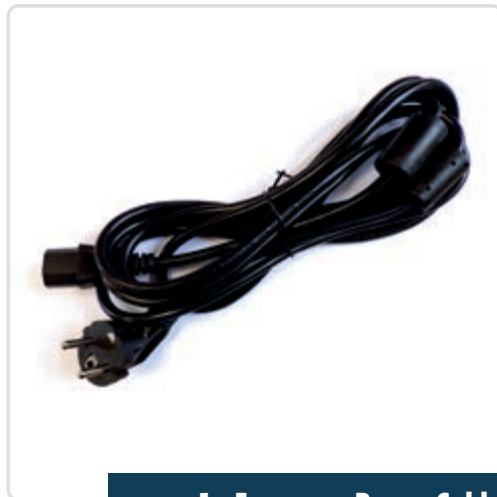
1x USB Type C



1x HDMI



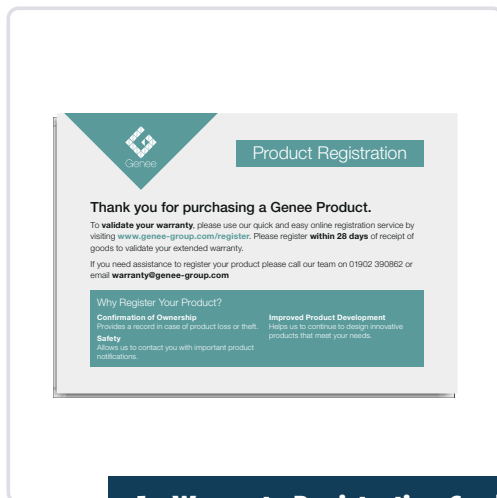
1x Power Cable



1x European Power Cable



1x Instruction Manual



1x Warranty Registration Card

The solution that fits your needs. Depending on your requirements we have a range of accessories that are interoperable with our G-Touch® Range.



GENEE TESTIMONIALS

"Yesterday we took delivery of 3x 65" screens, and I just wanted to say how helpful the two delivery guys were. They ended up bring the pallet all the way round the front to get it through the door, then took it down to the room we wanted to put them in, the pallet would not fit through that door, so they took them off the pallet to put the 3 boxes in, they then put the pallet somewhere I asked them to. I just wanted to share how helpful your team were!"

Lorraine, Office Manager – Duke Street Primary School

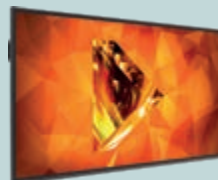
"It will allow us to hold meetings more professionally and deliver a training package to referees and coaches more effectively making use of the latest technology. It is an excellent product which suits all our business needs, it is also easy to use which makes it attractive for when we have external bookings for our rooms."

Adam, CEO – East Riding Football Association

"A huge thank you to Taz from Genee for travelling all the way to Sudbury to help us at the Dementia Centre with the intricacies of the interactive table. He had such patience with us and gave us instructions "in batches" in order that some staff could remain on the floor with our clients whilst others were being instructed. Taz is credit to your company and please pass on our regards and sincere thanks."

Jilly, Daycentre Manager – 1 Oak Care

SPECIFICATIONS



Model Name	G-Touch® Opal	G-Touch® Opal	G-Touch® Opal	G-Touch® Opal
Product Code	TOU200010	TOU200020	TOU200030	TOU200040
Active Screen Size (" inch)	55"	65"	75"	86"
Android Version	11	11	11	11
Display Backlight	LED	LED	LED	LED
Display Area (Horizontal x Vertical)	1209.6 x 680.4mm	1428.5 x 803.5mm	1649.66 x 927.94mm	1895 x 1066mm
Aspect Ratio	16:9	16:9	16:9	16:9
Resolution	3840 x 2160 Pixel (4K)	3840 x 2160 Pixel (4K)	3840 x 2160 Pixel (4K)	3840 x 2160 Pixel (4K)
Display Colours	1.07billion colour (8bit+FRC)	1.07billion colour (8bit+FRC)	1.07billion colour (8bit+FRC)	1.07billion colour (8bit+FRC)
LCD Brightness (Typical, after cover class)	450cd/m ²	450cd/m ²	450cd/m ²	450cd/m ²
Contrast Ratio (Typical)	1200:1	1200:1	1200:1	1200:1
Response Time (Typical, G to G)	8ms	8ms	8ms	8ms
Viewing Angle	178°	178°	178°	178°
Life time (working hours/day)	Average 50,000 hours	Average 50,000 hours	Average 50,000 hours	Average 50,000 hours
Power Consumption (w/o OPS)	Maximum <300W Standby Mode ≤0.5 W	Maximum <340W Standby Mode ≤0.5W	Maximum <400W Standby Mode ≤0.5W	Maximum <500W Standby Mode ≤0.5W
Display Orientation	Landscape	Landscape	Landscape	Landscape
Touch Surface Material	Tempered Glass (Anti-glare Type)	Tempered Glass (Anti-glare Type)	Tempered Glass (Anti-glare Type)	Tempered Glass (Anti-glare Type)
Cover Glass Thickness	3mm	3mm	3mm	3mm
Touch Surface Hardness	>H7	>H7	>H7	>H7
Touch Sensor	Infrared Touch	Infrared Touch	Infrared Touch	Infrared Touch
Touch Point	32 touch point	32 touch point	32 touch point	32 touch point
Positioning Accuracy	3mm	3mm	3mm	3mm
Communication Interface	USB Type C	USB Type C	USB Type C	USB Type C
Speaker Position	Down Firing / Forward	Down Firing / Forward	Down Firing / Forward	Down Firing / Forward
Speaker Maximum Power Output	15W x2	15W x2	15W x2	15W x2
Installation Method (optional)	Wall-mounted / Floor Stand	Wall-mounted / Floor Stand	Wall-mounted / Floor Stand	Wall-mounted / Floor Stand
Outline Dimension (without wall mount bracket thickness)	1270.8x754x86 mm	1490.1x878.1x86 mm	1714.4x1015.5x86 mm	1959.1x1142.8x86 mm
Packing Dimension	1395x875x230	1615x1000x230 mm	1839x1127x230 mm	2084x1264x230 mm
Net Weight	24.7kg	37.5kg	48.0kg	61.6kg
Gross Weight	32.0kg	52.6kg	63.5kg	80.2kg

VESA Mount installation position	600x400mm	600x400mm	800x400mm	800x400mm
Chipset (CPU)	A311D2	A311D2	A311D2	A311D2
Memory (RAM)	8GB	8GB	8GB	8GB
Onboard Storage (ROM)	64GB	64GB	64GB	64GB
Over the air updates	Yes	Yes	Yes	Yes
Front/side I/O port	Yes	Yes	Yes	Yes
OPS Slot	Included	Included	Included	Included
Software	Project Flow (Trial), SPARK II, Genee App Store, Genee TruCast, Genee Pawtals, Genee Control (Optional Remote Management)	Project Flow (Trial), SPARK II, Genee App Store, Genee TruCast, Genee Pawtals, Genee Control (Optional Remote Management)	Project Flow (Trial), SPARK II, Genee App Store, Genee TruCast, Genee Pawtals, Genee Control (Optional Remote Management)	Project Flow (Trial), SPARK II, Genee App Store, Genee TruCast, Genee Pawtals, Genee Control (Optional Remote Management)
Warranty	5 Year Warranty subject to registration within 28 days, terms and conditions apply.	5 Year Warranty subject to registration within 28 days, terms and conditions apply.	5 Year Warranty subject to registration within 28 days, terms and conditions apply.	5 Year Warranty subject to registration within 28 days, terms and conditions apply.
Included	Remote control x 1, Touch pen x1, Power cable x1, Touch cable(3m) x2 (BS, VDE), HDMI cable(3m) x1, VGA cable(5m) x1, Type C cable(1m) x1	Remote control x 1, Touch pen x1, Power cable x1, Touch cable(3m) x2 (BS, VDE), HDMI cable(3m) x1, VGA cable(5m) x1, Type C cable(1m) x1	Remote control x 1, Touch pen x1, Power cable x1, Touch cable(3m) x2 (BS, VDE), HDMI cable(3m) x1, VGA cable(5m) x1, Type C cable(1m) x1	Remote control x 1, Touch pen x1, Power cable x1, Touch cable(3m) x2 (BS, VDE), HDMI cable(3m) x1, VGA cable(5m) x1, Type C cable(1m) x1

PORTS				
Front Interface Inputs	Type C (15W) x1 HDMI 2.0 x1 USB 3.0 (Type A) x1 USB (Touch, Type A) x1	Type C (15W) x1 HDMI 2.0 x1 USB 3.0 (Type A) x1 USB (Touch, Type A) x1	Type C (15W) x1 HDMI 2.0 x1 USB 3.0 (Type A) x1 USB (Touch, Type A) x1	Type C (15W) x1 HDMI 2.0 x1 USB 3.0 (Type A) x1 USB (Touch, Type A) x1
AV Inputs	HDMI 2.0 (4K@60Hz) x2 DP1.2 (4K@60Hz) x1, VGA (1920x1080@60Hz) x1 VGA Audio x1	HDMI 2.0 (4K@60Hz) x2 DP1.2 (4K@60Hz) x1, VGA (1920x1080@60Hz) x1 VGA Audio x1	HDMI 2.0 (4K@60Hz) x2 DP1.2 (4K@60Hz) x1, VGA (1920x1080@60Hz) x1 VGA Audio x1	HDMI 2.0 (4K@60Hz) x2 DP1.2 (4K@60Hz) x1, VGA (1920x1080@60Hz) x1 VGA Audio x1
AV Outputs	HDMI Out (Support 4k@60Hz, 1920x1080@60Hz) x1, Earphone x1, SPDIF x1	HDMI Out (Support 4k@60Hz, 1920x1080@60Hz) x1, Earphone x1, SPDIF x1	HDMI Out (Support 4k@60Hz, 1920x1080@60Hz) x1, Earphone x1, SPDIF x1	HDMI Out (Support 4k@60Hz, 1920x1080@60Hz) x1, Earphone x1, SPDIF x1
Other	USB3.0 (2 bottom, 1 top/Type A) x3, USB2.0 (Type A) x1, RS232 x1, Type C(100W) x1 Lan In (Bottom; RJ45 for 10/100/1000 BaseT) x1, Lan Out (Bottom; RJ45 for 10/100/1000 BaseT) x1, WIFI 6 x1	USB3.0 (2 bottom, 1 top/Type A) x3, USB2.0 (Type A) x1, RS232 x1, Type C(100W) x1 Lan In (Bottom; RJ45 for 10/100/1000 BaseT) x1, Lan Out (Bottom; RJ45 for 10/100/1000 BaseT) x1, WIFI 6 x1	USB3.0 (2 bottom, 1 top/Type A) x3, USB2.0 (Type A) x1, RS232 x1, Type C(100W) x1 Lan In (Bottom; RJ45 for 10/100/1000 BaseT) x1, Lan Out (Bottom; RJ45 for 10/100/1000 BaseT) x1, WIFI 6 x1	USB3.0 (2 bottom, 1 top/Type A) x3, USB2.0 (Type A) x1, RS232 x1, Type C(100W) x1 Lan In (Bottom; RJ45 for 10/100/1000 BaseT) x1, Lan Out (Bottom; RJ45 for 10/100/1000 BaseT) x1, WIFI 6 x1
Multimedia File Formats Support	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, H.264, H.265, MOV, MJPEG, FLV (Supports 1080P, 4K HD Decoding) Audio: MP3, M4A, (AAC)	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, H.264, H.265, MOV, MJPEG, FLV (Supports 1080P, 4K HD Decoding) Audio: MP3, M4A, (AAC)	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, H.264, H.265, MOV, MJPEG, FLV (Supports 1080P, 4K HD Decoding) Audio: MP3, M4A, (AAC)	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, H.264, H.265, MOV, MJPEG, FLV (Supports 1080P, 4K HD Decoding) Audio: MP3, M4A, (AAC)



E&OE. Call us now to find out more.

www.genee-group.com | +44 (0)1902 390 862 | enquiries@genee-group.com

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