

Business Offer

A Korean SME is looking for a distributor or value added reseller for their handheld healthcare microscopy diagnostic device and auto focus digital embedded solutions

Summary

A Korean SME offers a healthcare microscopy solution that matches various technical requirements. This product can be applied to skin-care, scalp, ear, nose, throat, iris and dental sector and offers optional versatile end caps which are interchangeable. The company would like to find a business partner who wants to be a regional distributor. Commercial agent or value added reseller is considered.

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Details

Description

A Korean company has developed an electronic device comprising of autofocus digital microscope. The first outset of digital microscopy device adopts autofocus liquid lens technology for the first time in the world. It helps users easily get a wider range of magnification for between x10 to x250 without using focus wheel control. Also, this product supports the four steps of magnification phase: x40, x100, x180 and x250. It works in a hybrid mode, combining optical and digital microscopy performance.

In addition, it features the specialty of fast auto focus at less 50ms(0.5 sec~1sec). Unlike typical digital microscopes, this product does not use conventional technique of setting crossed polarized illumination to get the precise control of focus. This product makes it by its own way of digital polarizing software based on in-house ISP (Image Signal Processing) technology.

This product can be used in a large number of applications, ranging from simple inspection or observation of a sample, to documentation, and even enhanced applications where accurate measurements are necessary, ideally for quality control and quality assurance activity in virtually every field of industry: PCB, SMT assembly, components, ingredient, machinery, metal, engines, textile, jewels and much more.

Specially, this product is suitable for skin care, scalp, ear, nose, throat, iris and dental sector. It

offers optional versatile end caps, which are interchangeable, best optimized for dermato-scope, scalp-scope, dental-scope, iris-scope, otoscope and thermometer. It offers UVC(USB video class) function which connects with computer, smart phone and tablet PC) using USB.

This product includes unique design and different LED(Light Emitting Diode)-lighting performance that are independently designed as each particular purpose of end cap

This company is expecting to enter a European market with a European business partner that is interested in distribution or selling the product available for commercial agency or valued added reseller.

Advantages and Innovations

- Real fast auto focus: possible to realize auto focus microscope adopting liquid lens
- Infinity (x10 ~ x250): support the four step of magnification phase, x40, x100, x180, x250
- Quick switch focus: between 0.1~2 for the maximum of 3 different autofocus area
- Various end cap: depending on measure target, support to interchangeable end cap such as polarity end cap, end cap for temperature measurement, end cap for health care (ear, nose, iris, dental) and so on.
- High resolution images and videos: FHD(Full High-Definition) 1080p, HD(High-Definition) 720

Stage of Development

Already on the market

IPR Status

Secret Know-how, Design Rights, Patents granted, Granted patent or patent application essential, Exclusive Rights, Copyright

Comment Regarding IPR status

Korean and international patent are granted.

Profile Origin

COSME

Keywords

Technology

01001002	Digital Systems, Digital Representation
01002001	Micro and Nanotechnology related to Electronics and Microelectronics
01002007	Nanotechnologies related to electronics & microelectronics

Market

05001001	Diagnostic services
05001003	Differential diagnosis
05001007	Other diagnostic

NACE

Q.86.1.0	Hospital activities
Q.86.2.3	Dental practice activities

Q.86.9.0 Other human health activities
Q.87.9.0 Other residential care activities

Open for EOI : **Yes**

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

2010

Turnover

20 - 50M

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English

Client Country

South Korea

Partner Sought

Type and Role of Partner Sought

- Type of partner sought: company
- Specific area of activity of the partner: company that are dealing with beauty and healthcare products as well we have experience with beauty shop, hospital and so on.
- Task of be performed: selling, distributing or re-selling

Type and Size of Partner Sought

SME 11-50,R&D Institution,>500 MNE,SME 51-250

Type of Partnership Considered

Distribution services agreement

Commercial agency agreement