



## Millimeter-Wave Band HD Video Transmission System GL-60



**The GL-60 is an HD-SDI transport system using the millimeter-wave 60GHz spectrum.**

### License-Free

Utilizing license-free 60GHz spectrum, it can be used by anyone, anytime and anywhere.

### Zero Delay

No video compression is processed, and therefore it can offer zero delay in transport.

### Zero Degradation

It transports uncompressed HD-SDI signal, and therefore it can offer zero degradation.

### Two-Way Link

Dual-directional link application is possible forming transmitter-and-receiver pairs.

### Best suited to links such as;

in stadium



crossing roads



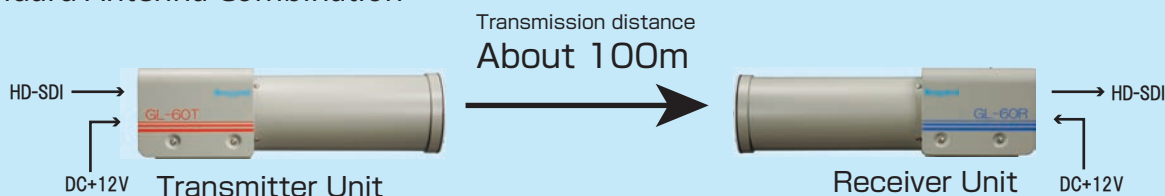
crossing rivers



crossing railroads

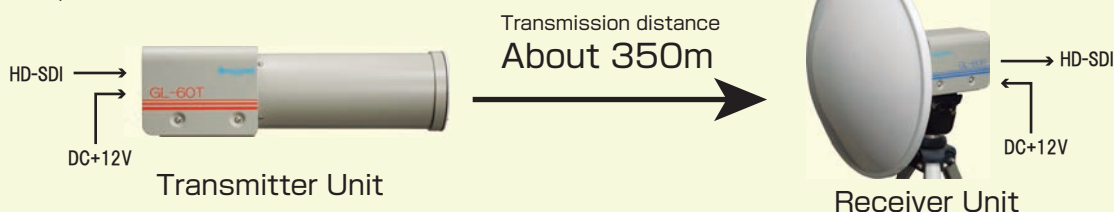


## Standard Antenna Combination



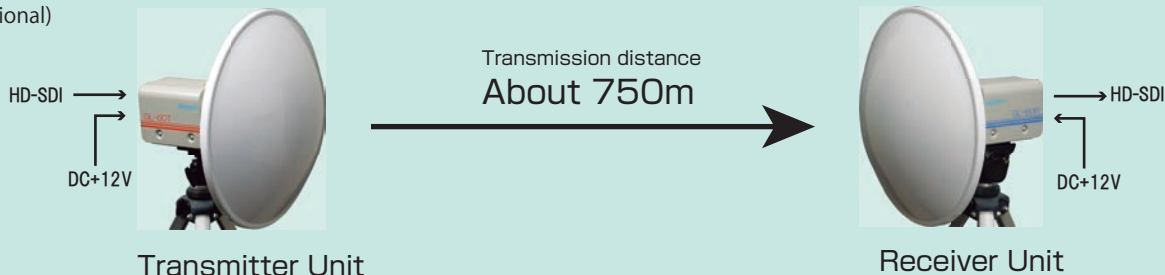
## Standard + High-Gain Antenna Combination

(Optional)

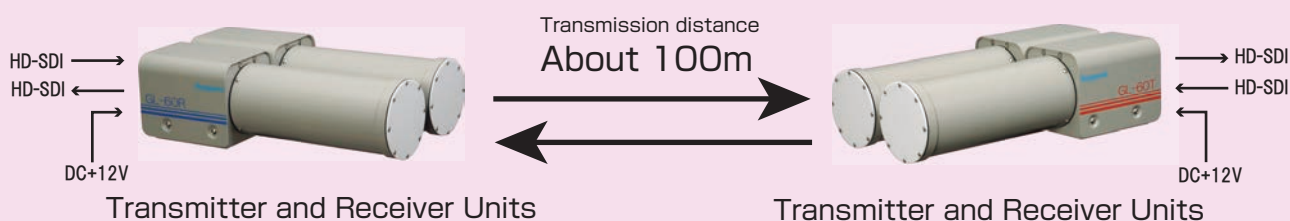


## High-Gain Antenna Combination

(Optional)



## Transmitter-and-Receiver Two-Way Link



## «Main specification»

Carrier frequency . . . . . 58.5 GHz or 61.5 GHz

Output power . . . . . 10 mW or less

Occupied bandwidth . . . . . Within 2.5 GHz

Input/Output signals . . . . . HD-SDI (1.5Gbps, audio embedded)

Transmission distance . . . . . 100 m (in standard antenna)  
350 m (in standard + high-gain antenna)  
750 m (in high-gain antenna)

※The above distance is a theoretical figure based on clear air condition.

Power requirement . . . . . DC +12V (Lithium ion camera battery can be used)

Power consumption . . . . . Transmitter Unit : 5.5W  
Receiver Unit : 6.5W

Design and specifications are subject to change without notice.

### Ikegami Tsushinki Co.,Ltd.

■ URL : <http://www.ikegami.co.jp/en/>

■ Head Office : 5-6-16 Ikegami, Ohta-ku, Tokyo 146-8567, Japan . . . . . TEL.03-5700-1111 / FAX.03-5700-1137  
■ Overseas Sales Division : 5-6-16 Ikegami, Ohta-ku, Tokyo 146-8567, Japan . . . . . TEL.03-5700-4117 / FAX.03-5748-2200  
■ Beijing Office : Room No.307 Tower B, Jia Tai International Mansion No.41East Fourth Ring Road, Chaoyang District, Beijing China . . . . . TEL.010-85710350 / FAX.010-85711804

### Ikegami Electronics (U.S.A.), INC.

■ URL : <http://www.ikegami.com>

■ Headquarters : 37 BROOK AVENUE, MAYWOOD, NJ 07607 . . . . . TEL.(201) 368-9171 / FAX.(201) 569-1626

### Ikegami Electronics (Europe) GmbH

■ URL : <http://de.ikegami.co.jp>

■ Headquarters : Ikegami Strasse 1, D-41460 Neuss, Germany . . . . . TEL.02131-1230 / FAX.02131-102820  
■ U.K. Branch : Unit E1 Cologne Court, Brooklands Close, Windmill Road, Sunbury-on-Thames, Middlesex TW16 7EB, England . . . . . TEL.01932-769700 / FAX.01932-769710

### Ikegami Electronics Asia Pacific Pte.Ltd.

■ URL : <http://sg.ikegami.co.jp>

■ Headquarters : 1 Tampines Central 5, #3-3 CPF Tampines Building, Singapore 529508 . . . . . TEL.6260-8820 / FAX.6260-8896

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