



ADIV TECHNOSERVICES INC., Wireless.....? Solutions.

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PROFILE

We, M/s **Adiv Techno Services Inc, India**, are the **exclusive Distributors** for **Indian Sub continent** for industrial Low Power Radio Frequency modules(SRD/LRD). manufactured in Japan by **M/s Circuit Design,Inc. Japan**

The industrial / M2M automation applications are commercial RF enabled Displays, Robot control etc. to name few where more reliability of the communication is required in the industrial harsh environment.

These Circuit Design's Radio Frequency (RF) modules can be implemented with minimum of Hardware / software development. These modules are used in industries for point to point communication at low radio data rate applications.

The industrial applications of these RF modules may be any including basic switching data / signal transmission to **the intelligent Robot Control** to simple **Remote Controller for Cranes and GenSets / motors** to **Wireless Automatic Water Level controllers /indicators , Wireless Temperature (analytical/measuring Parameters) monitoring and controllers etc.**

The LOS (Line of sight) range from the Transmitters to Receivers / Modems can be from 50 mtrs to >600+, 1000mtrs and using relay / repeaters up to 6.5 Kms. depends on the type the RF modules selection. These RF modules having **Single** channel to **127+** channels using suitable modules for(Industrial Scientific Medical) ISM band applications.

CDi has the potential free (Switching operation) Radio modules, the Transceivers, data transmission module **STD302 N R 335 MHz (for EOT crane controller)**.

Circuit Design Inc. also has range of radio modems viz, MU1_R and MU 2_R for Sensors Networking in factory environment and for open filed applications for 1:N or M:N configurations using relay operations to achieve the long LOS distances.

Product variants :

Circuit Design has many more **Industrial RF modules** which can be embedded into your products for wireless communication / Data transmission, Remote controllers,

For more specification information on the RF modules, Pl visit www.cdt21.com

Radio Modem MU1_R_434 MHz (>=600 mtrs LOS Range) for indoor noisy environment.

- Radio Modem MU2_R_434MHz (>= 600+ mtrs LOS Range) for out door/ open filed applications <http://www.cdt21.com/products/modem/mu2/>

Transceivers STD302_N_R,335 MHz for >300 mtrs. LOS, for remote controlled OH, EOT Hoist cranes control,

- New **DSSS** TransCeivers STD502_N_R, 2.4GHz for > LOS 300 mtrs.
- New Transceiver DSSS Low Power STD 503_N_R,2.4GHz (LOS 300 mts* Range) <http://www.cdt21.com/products/transceiver/std503/>
- New Transceiver STD_601, 434MHz is a **miniature** transceiver designed for industrial remote control and telemetry (LOS Range aprx.300 mtrs*)

Tele command Transmitter / Receiver CDT02_433.920 MHz. pair modules module are between range 500 mtrs to 1000+mtrs (simple 6 switching operations potential free)

- New Tele command NKY_2.4GHZ, RF paired modules designed for industrial remote control & and telemetry applications (LOS*aprx.100mtrs. (simple 8 ON/OFF switching signals operation); communication only 1:1 (1:N or N:1 not possible).

FCC Part 15 approved <http://www.cdt21.com/products/telecommand/nk-24y/>

Transmitters/Receivers pair Modules CDP_05_433.920 MHz The channel Programmable RF LOS >600 mts LOS Range (pre programmed Multi channel)

- Transmitter/Receiver pair modules CDP_TX_02F_R/CDP_RX_02F_R;434MHz
LOS >600 mts
- **Audio Modules** WA TX 03/WA RX03 _863 MHz (50 mtrs for musical instruments / headphones systems)

New low power radio modem SLR-434M provides over 10 km range with 10mW RF power in the ISM 434 MHz band.

On 8th November 2016, our principals Circuit Design Inc, has launched a **NEW module SLR 434M (module version)** and the **SLR 434D (dongle version)** for Smart mobiles in the exhibition **electronica2016** in Munich, Germany.

<http://www.cdt21.com/news/news161101.asp>

Wireless data Loggers :

We can also offer the wireless data loggers (hand held with instant info over SmartMobile) for various applications in Engineering , Automotive , Ware house Industries, Dairy & Food industries , Agriculture Horticulture Laboratory and industries .

Support and Services :

We support for the technical evaluation of the modules for any information is required that is related application and products.

As the applications demands, you need to choose the suitable CDi modules Or if you can let us know the tentative application implementation, we will support with techno _ Commercial feasibility in the selection of modules.

Home automation & Gate entry automation products :

We are also the system installers /resellers for the Automation for Sliding gate, doors , windows / Swing Gate Operator / Rolling Shutter motors for garage doors , Automatic Boom Barrier etc for residential to commercial /industrial installations and remote light controllers.

We deal with the Wireless Security IP/ WiFi network Video Cameras and System / Home automation/Security systems viz,Wifi Video Door Phones, Remote Light management control system, door entry detection/automation , door open/closure warning systems, automated rolling blinds / Vertical etc. for residence and industries.

If you have any clarifications, pl don't hesitate to contact us any time.

Regards,

ADIV KADKOL

Director



ADIV TECHNO SERVICES INC.,