

COFDM - VIDEO, AUDIO TELEMETRY & IP PRODUCTS

DIGITAL WIRELESS VIDEO SYSTEM

SOLO CENTRAL RECEIVER AND SOLO4 RECEIVER

The SOLO Central Receiver system is a highly flexible solution for use in permanently-installed central receive applications. The Central Receiver system can be supplied with the following flexibility:

- Between one and four built-in receivers
- Dual diversity or four-way diversity
- Built-in rebroadcast transmitter for down link
- Built-in ethernet for network connection
- Rack mount or outdoor box installation.

The central receiver is typically installed at a permanent elevated receive point and is receiving and decoding the transmissions from up to four transmitters simultaneously. The transmissions are received through one of four antennae typically mounted on the four corners of the building for complete 360° coverage. The multiple video and audio outputs are typically viewed locally or are down linked using the built-in rebroadcast transmitter to the domo SOLO4 Receiver.

The narrow bandwidth modulation offers unprecedented spectrum efficiency, while also increasing the system sensitivity and, therefore, range.

The Central Receiver and SOLO4 Receiver have comprehensive on screen display diagnostic capability to show link quality and spectrum and are equipped with video, two voice and data channels. Security of transmission is ensured by the use of optional AES1 28/256 bit encryption algorithms, subject to export controls.

Features:

- Four simultaneous video reception and viewing
- Comprehensive demodulation 8/7/6/2.5 and 1.25MHz (optional)
- Up to four-way maximum ratio combining antenna diversity for fade and multipath elimination
- Built-in options for rebroadcast or IP network distribution Rack
- mount or outdoor hardware solutions available Comprehensive
- on screen display (OSD) diagnostics for link analysis, including spectrum analyser
- Internal AES128/256.

Applications:

- Police metropolitan and urban observation
- Key building surveillance
- Military command and control posts
- Airport, ports and terminal security
- Border control
- Major incident support.

Users:

- Police technical support units
- Police silver and gold command
- Special forces
- Customs and Excise
- Security services.



ADLERTECH SYSTEMS PTE LTD

56A KALLANG PUDDING ROAD #07-00. SINGAPORE 349329

Tel: (65) 6747 4636 Fax: (65) 6747 6919

EMAIL: sales@adlertechsystems.com