



CLIP Selection Mode Description

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1 Introduction

1.1 Overview

Calling Line Identification Presentation (CLIP), also called caller ID, can be used in Voice over Internet Protocol (VoIP). During ringing, the calling number and name are sent to the called party. CLIP supports obtaining the calling number and name from the SIP header and displaying the calling number and name on the screen.

1.2 Applicable Models

This document applies to Fanvil X3S, X4, X5S, X6,X7,X7C,X210,X210i,XUseries.

2 Operation Description

2.1 CLIP Selection Mode Configuration

A telephone set can derive the calling number and name from the FROM, P-Asserted-Identity, or Remote-Party-ID field in an INVITE request. A user can configure a CLIP selection mode for a telephone set on the webpage. A CLIP selection mode can be configured for each line.

The screenshot displays the 'SIP Hotspot' configuration page. The 'Advanced Settings' section is expanded, showing various SIP-related parameters. The 'Caller ID Header' dropdown menu is open, with the following options: FROM, PAI-FROM, RPID-FROM, PAI-RPID-FROM, and RPID-PAI-FROM. The 'FROM' option is selected and highlighted. Other visible settings include 'Use Feature Code', 'Enable DND', 'DND Disabled', 'Enable Call Forward Unconditional', 'Disable Call Forward Unconditional', 'Enable Call Forward on Busy', 'Disable Call Forward on Busy', 'Enable Call Forward on No Answer', 'Disable Call Forward on No Answer', 'Enable Blocking Anonymous Call', 'Disable Blocking Anonymous Call', 'Call Waiting On Code', 'Call Waiting Off Code', 'Send Anonymous On Code', 'Send Anonymous Off Code', 'SIP Encryption', 'RTP Encryption', 'Enable Session Timer', 'Session Timeout', 'Enable BLF List', 'BLF List Number', 'Response Single Codec', 'BLF Server', 'Keep Alive Type', 'Keep Alive Interval', 'Keep Authentication', 'Blocking Anonymous Call', 'User Agent', 'Specific Server Type', 'SIP Version', 'Anonymous Call Standard', 'Local Port', 'Ring Type', 'Enable user=phone', 'Use Tel Call', 'Auto TCP', 'Enable PRACK', 'Enable Rport', 'Enable Long Contact', 'DNS Mode', 'Convert URI', 'Enable Strict Proxy', 'Enable GRUU', 'Use Quote in Display Name', 'Enable Use Inactive Hold', 'Sync Clock Time', 'Use 182 Response for Call waiting', 'Caller ID Header', 'Enable Feature Sync', 'Enable SCA', 'CallPark Number', and 'Server Expire'.

2.2 Configuration Items

A telephone set supports CLIP selection modes based on the FROM, P-Asserted-Identity, or Remote-Party-ID field in an INVITE request. The following describes enhanced functions of configuring CLIP selection modes based on the CLIP header on the telephone set.

2.2.1 FROM

The telephone set displays the calling number and name derived from the FROM field. If the calling number is a contact number, the contact name is displayed.

2.2.2 PAI-FROM

The telephone set checks and displays the calling number and name derived from the

P-Asserted-Identity field.

If the INVITE request does not carry the P-Asserted-Identity field, the telephone set displays the calling number and name derived from the FROM field.

If the calling number is a contact number, the contact name is displayed.

2.2.3 RPID-FROM

The telephone set checks and displays the calling number and name derived from the Remote-Party-ID field.

If the INVITE request does not carry the Remote-Party-ID field, the telephone set displays the calling number and name derived from the FROM field.

If the calling number is a contact number, the contact name is displayed.

2.2.4 PAI-RPID-FROM

The telephone set checks and displays the calling number and name derived from the P-Asserted-Identity field.

If the INVITE request does not carry the P-Asserted-Identity field, the telephone set displays the calling number and name derived from the Remote-Party-ID field.

If the INVITE request does not carry the Remote-Party-ID field, the telephone set displays the calling number and name derived from the FROM field.

If the calling number is a contact number, the contact name is displayed.

2.2.5 RPID-PAI-FROM

The telephone set checks and displays the calling number and name derived from the Remote-Party-ID field.

If the INVITE request does not carry the Remote-Party-ID field, the telephone set displays the calling number and name derived from the P-Asserted-Identity field.

If the INVITE request does not carry the P-Asserted-Identity field, the telephone set displays the calling number and name derived from the FROM field.

If the calling number is a contact number, the contact name is displayed.