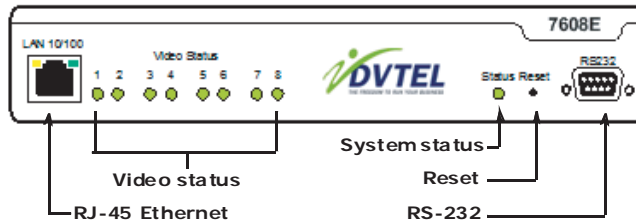


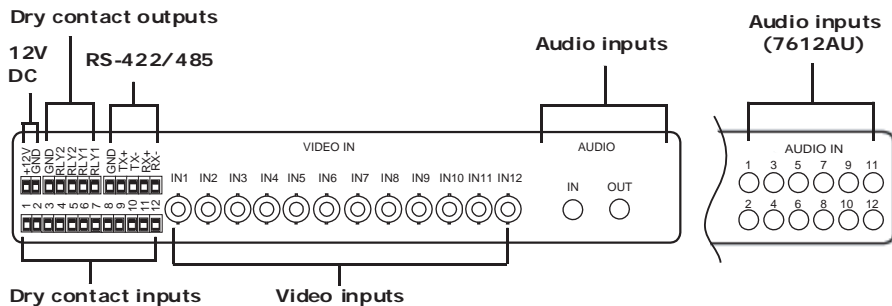
DVTEL 7608/7612 Encoder Quick Reference Guide

A. Unit Overview

The 7608's front panel is identical to the 7612's except for the number of video status LEDs.



Similarly, the units' rear panels differ only in the number of Video In connectors. In addition, a 7612 encoder is available with twelve unidirectional audio inputs rather than one audio input and one output (both types of audio are optional).



B. Capabilities

The table below details the frame rates supported by the 7608 and 7612 encoders for various qualities settings:

Resolution	Number of columns NTSC/PAL	Number of lines		Maximum frame rate	
		NTSC	PAL	7608E	7612E
CIF	352	240	288	30 (25)	30 (25)
2CIFH	704	240	288	30 (25)	30 (25)
4CIF	704	480	576	30 (25)	15 (12.5)
All lines	352	480	576	30 (25)	30 (25)
2/3 D1	480	480	576	30 (25)	15 (12.5)
VGA	640	480	576	30 (25)	15 (12.5)

C. LED Indicators

The 7608 and 7612 feature one system status LED and eight or twelve video status LEDs. Both types are bicolor (red-green).

The table below details the indications provided by the system status LED.

Condition	Indication
Steady red	The unit is powering up.
Flashing red (1 sec. intervals)	The IP address of the unit is already assigned to another unit in the network.
Flashing green (3 sec. intervals)	The firmware has started, but the unit is not connected to the network.
Flashing green (1 sec. intervals)	The firmware has started, the unit is connected to the network, but no audio or serial data is being transmitted.
Flashing green (0.2 sec. intervals)	The firmware has started, the unit is connected to the network, and audio and/or serial data is being transmitted.
Flashing green-red (1 sec. intervals)	The unit is undergoing a firmware update.
Flashing red (0.1 sec. intervals)	The unit is being identified.

A steady red light and a blinking red light flashing at two second intervals both indicate internal system errors. If the condition persists after rebooting the unit, contact DVTEL Technical Support.

The table below details the indications provided by the system status LED.

Condition	Indication
3 red blinks every 2 seconds	A video source has not been detected and video is not being transmitted.
Steady green	A video source is connected to the corresponding input but video is not being transmitted.
Flashing green (0.2 sec. interval)	A video source is connected to the corresponding input and video is being transmitted.
Flashing red (0.2 sec. interval)	A video source has not been detected but video is being transmitted.