



# CHAPTER 16

## Command Summary for Field-Programmable Devices

Table 16-1 provides an alphabetical list of some of the most significant commands that are needed to configure, monitor, and upgrade FPD images for SPAs on the Cisco uBR10012 router. For more information about the commands, see the *Cisco IOS CMTS Cable Command Reference* at the following URL:

[http://www.cisco.com/en/US/docs/ios/cable/command/reference/cbl\\_book.html](http://www.cisco.com/en/US/docs/ios/cable/command/reference/cbl_book.html)

**Table 16-1** Command Summary

Command	Description
Router# <code>show hw-module all fpd</code>	Displays the current versions of all FPDs for all of the supported card types on a router.
Router# <code>show hw-module subslot [slot/subslot] fpd</code>	Displays the current versions of all FPDs for a particular SPA or all of the active SPAs on a router.
Router# <code>show upgrade fpd package default</code>	Displays which FPD image package is needed for the router to properly support the SPAs or other FPD-capable cards.
Router# <code>show upgrade fpd progress</code>	Displays the progress of the FPD upgrade while an FPD upgrade is taking place.
Router# <code>show upgrade fpd table</code>	Displays various information used by the Cisco IOS software to manage the FPD image package file.
Router# <code>upgrade hw-module subslot fpd</code>	Manually upgrades the current FPD image on the specified SPA.

