

0	8	16	24	31
ETHERNET ADDRESS TYPE (1)		IP ADDRESS TYPE (0800)		
ETH ADDR LEN (6)	IP ADDR LEN (4)	OPERATION		
SENDER'S ETH ADDR (first 4 octets)				
SENDER'S ETH ADDR (last 2 octets)		SENDER'S IP ADDR (first 2 octets)		
SENDER'S IP ADDR (last 2 octets)		TARGET'S ETH ADDR (first 2 octets)		
TARGET'S ETH ADDR (last 4 octets)				
TARGET'S IP ADDR (all 4 octets)				

Figure 3.12 The format of an ARP packet when ARP is used over an Ethernet.