

[ ] ESN

ESN (Electronic Serial Number) 가 .  
 ,  
 , , . AMPS  
 ANSI-41(American National Standards Institute) TDMA, CDMA  
 , Roaming  
 TIA(Telecommunication Industry Association)  
 .  
 ESN < 1> 32bit , MC(manufacturer code)가 8bit  
 14bit 가 가 8bit MC 0 8 14bit MC reserve  
 MC ESN  
 TIA , , , ESN  
 8bit 14bit MC .

Manufacturer code 8bit	Serial Number 24bit
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Manufacturer code 14bit	Serial Number 18bit
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< 1> ESN

ESN MEID  
 TIA가 ESN 8bit MC 91.8%가 14bit MC  
 38.7%가 . 8bit MC 1,600 가 .  
 ESN 가 , 2006 1/4  
 ,  
 2007 3/4 가 . TIA  
 MEID(Mobile Equipment Identifier)  
 2003 . 3GPP2  
 cdma2000 1x EV-DV Revision D MEID  
 .  
 MEID < 2> 56bit . 2 (RR field) Regional  
 code Global Hexadecimal MEID Administrator(GHA) , 00-99

3GPP IMEI(International Mobile Equipment Identity) reserve  
 , A0-FF cdma2000 reserve W-CDMA  
 가 . 6 ,  
 CD Check Sum field  
 MEID .



< 2> MEID

**ESN**

MEID ESN 2007 가  
 MEID 1x EV-DV Revision D가 2005 2006  
 ESN 가 . 3-4  
 cdma2000 가 가 가  
 가 ESN EV-DV Revision D  
 MEID ESN 가 .  
 cdma2000 가

3 New Orleans CDG(CDMA Development Group)  
 가 Verizon Interim  
 Solution Mobile Station Equipment Identifier(MEID) Support for cdma2000 systems(CDG  
 Document 107) EV-DV Revision D MEID  
 Interim Solution MEID 가  
 가  
 CDG 2005 4 28 3GPP2 CDG Document 107  
 ESN  
 Solution

가 1

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