

Smart-Alek V2

## Model SA2000 Field Instrument

Effective Date:		2005-10-28	2013-12-18
Part Number	Part # / Description	Low Level Code	High Level Code
11918	GDPD 4xRTT,HSPA Barton 1000 psi / 300"wc 6V	If existing is >= 2.0.4 Use <b>2.1.0</b>  If existing is <= 2.0.3 Use <b>2.0.3</b>	HL 2.1.17
11919	GDPD 4xRTT,HSPA Barton 2500 psi / 500"wc 6V		
12394	GDPD 4xRTT,HSPA Barton 1000 psi / 300"wc 8V	LL 2.1.0	
12395	GDPD 4xRTT,HSPA Barton 2500 psi / 500"wc 8V		
12573	RS232 (Sat), Barton 1000 psi / 300"wc 8V		
12574	RS232 (Sat), Barton 2500 psi / 500"wc 8V		
12611	RS232 (Sat), Fuji 1450 psi / 125"wc 8V	LL 2.2.0	
12612	RS232 (Sat), Fuji 1450 psi / 520"wc 8V		
12613	RS232 (Sat), Fuji 2500 psi / 520"wc 8V		
12614	GDPD 4xRTT, HSPA Fuji 1450 psi / 125"wc 8V		
12615	GDPD 4xRTT, HSPA Fuji 1450 psi / 520"wc 8V		
12616	GDPD 4xRTT, HSPA Fuji 2500 psi / 520"wc 8V		
13179	4xRTT,HSPA, Fuji 1450 psi / 125"wc 8V		
13180	4xRTT, HSPA Fuji 1450 psi / 520"wc 8V		
13181	4xRTT, HSPA Fuji 2500 psi / 520"wc 8V		
<b>SA Communicator Version Recommended:</b>			

**NOTE:** Refer to "Dependencies V2" Sheet prior to updating firmware.

**REVISION HISTORY** [Provide Date (yyyy-mm-dd), Initials of Eng., Details]

2006-04-24, KL, ECO-309, Release of HL 2.1.15 firmware. With GPRS and Keller Sensor analog re-scaling.

2008-06-12, KL, ECO-342, Release of HL 2.1.16 firmware. Fixes to Iridium modem driver.

## Smart-Alek V2x

## Model SA2005 Field Instrument

Effective Date:		2006-11-29	2013-12-02
Part Number	Part # / Description	Low Level Code	High Level Code
14541	SAT Fuji V2X Rev 4 (Model 2005) 72.5psi/24" wc	LL 2.3.1	
14550	SAT Fuji V2X Rev 4 (Model 2005) 72.5psi/125" wc		
14487	SAT Fuji V2X Rev 4 (Model 2005) 1450psi/125" wc		
14488	SAT Fuji V2X Rev 4 (Model 2005) 1450psi/520" wc		
14489	SAT Fuji V2X Rev 4 (Model 2005) 2500psi/520" wc		
14539	1xRTT Fuji V2X Rev 4 (Model 2005) 72.5psi/24" wc		
14540	1xRTT Fuji V2X Rev 4 (Model 2005) 72.5psi/125" wc		
14536	1xRTT Fuji V2X Rev 4 (Model 2005) 1450psi/125" wc		
14537	1xRTT Fuji V2X Rev 4 (Model 2005) 1450psi/520" wc		
14538	1xRTT Fuji V2X Rev 4 (Model 2005) 2500psi/520" wc		
14667	SAT Fuji V2X Rev 5 (Model 2005) 72.5psi/24" wc	LL 2.3.3	
14668	SAT Fuji V2X Rev 5 (Model 2005) 72.5psi/125" wc		
14696	SAT Fuji V2X Rev 5 (Model 2005) 1450psi/125" wc		
14697	SAT Fuji V2X Rev 5 (Model 2005) 1450psi/520" wc		
14698	SAT Fuji V2X Rev 5 (Model 2005) 2500psi/520" wc		
14699	1xRTT Fuji V2X Rev 5 (Model 2005) 72.5psi/24" wc		
15072	1xRTT Fuji V2X Rev 5 (Model 2005) 72.5psi/125" wc		
15284	1xRTT Fuji V2X Rev 5 (Model 2005) 1450psi/125" wc		
15291	1xRTT Fuji V2X Rev 5 (Model 2005) 1450psi/520" wc		
15292	1xRTT Fuji V2X Rev 5 (Model 2005) 2500psi/520" wc		
15680	GSM Fuji V2X Rev 5 (Model 2005) 1450psi/520" wc	HL 2.50.11	
15681	GSM Fuji V2X Rev 5 (Model 2005) 2500psi/520" wc		
15682	GSM Fuji V2X Rev 5 (Model 2005) 72.5psi/24" wc		
15683	GSM Fuji V2X Rev 5 (Model 2005) 72.5psi/125" wc		
15684	GSM Fuji V2X Rev 5 (Model 2005) 1450psi/125" wc		
17054	HSPA Fuji V2X Rev 5 (Model 2005) 1450psi/520" wc		
17055	HSPA Fuji V2X Rev 5 (Model 2005) 2500psi/520" wc		
17058	HSPA Fuji V2X Rev 5 (Model 2005) 72.5psi/24" wc		
17059	HSPA Fuji V2X Rev 5 (Model 2005) 72.5psi/125" wc		
17061	HSPA Fuji V2X Rev 5 (Model 2005) 1450psi/125" wc		
SA Communicator Version Recommended:		2.11	

**NOTE:** Refer to "Dependencies V2.x" Sheet prior to updating firmware.

**REVISION HISTORY** [Provide Date (yyyy-mm-dd), Initials of Eng., Details]

2006-10-03, EH, ECO-316, Release of LL 2.3.1 firmware.

2006-11-29, EH, ECO-320, Release of LL 2.3.2 firmware.

2011-06-06, EB, ECO-366, release of HL2.50.10 firmware

Smart-Alek V2

## Model "SA 2000" Field Instrument

REVISION	Source File Name	Current Status	DEPENDENCIES		
			SA Communicator	Hardware	Firmware
<b>High Level (HL) Code</b>					
HL 2.1.17	HL21_17.srd	Latest Rev.	Requires 2.0.11 or above		Will not work with LL < 2.03. Also, see Note 2.
<b>Low Level (LL) Code</b>					
LL 2.2.0	ll22_0000.srd	Latest Rev. V2 Fuji core units	2.03 or above	<b>V2 (Model 2000) Fuji Core Units Only.</b> <b>DO NOT</b> Load onto any: - Barton core hardware.	Requires High Level 2.0.25 or above.
LL 2.1.0	ll21_0000.srd	Latest Rev. Barton core units	2.03 or above	<b>Barton Core Units Only.</b> <b>DO NOT</b> Load onto any: - Fuji core hardware, or - Rev 03 CPU board	Requires High Level 2.0.4 or above.

**NOTES:**

- 1 For installing HL and LL firmware refer to work instruction **TP-1029 Rev G**.
- 2 For **HL** Firmware upgrades **the configuration must be saved and restored** as part of the upgrade process.

**REVISION HISTORY** [Provide Date (yyyy-mm-dd), Initials of Eng., Details]

2005-10-28, EH, ECO-301. Release of LL 2.2.2 firmware.

2006-03-10, EB, ECO-307. Release of HL 2.1.9 firmware. Prevent potential re-transmission of all events.

2006-04-24, KL, ECO-309, Release of HL 2.1.15 firmware. With GPRS and Keller Sensor analog re-scaling functionality

2008-06-12, KL, ECO-342, Release of HL 2.1.16 firmware. Fixes to Iridium modem driver.

2013-12-18, EB, ECO-389, Release of HL 2.1.17 firmware. HSPA support.

## Smart-Alek V2x

## Model "SA 2005" Field Instrument

REVISION	Source File Name	Current Status	DEPENDENCIES		
			SA Communicator	Hardware	Firmware
<b>High Level (HL) Code</b>					
HL 2.50.11	HL250_11.srd	Latest Rev.	Requires 2.11 or above	<b>V2x (Model 2005) Units Only.</b> <b>DO NOT</b> Load onto any: - Model 2000 units.	Will not work with LL < 2.3.0.  Also, see Note 2.
<b>Low Level (LL) Code</b>					
LL 2.3.3	ll23_0003.srd	Latest Rev. 5/6 <b>V2x</b> (Model 2005) Fuji core units (Can also be used in Rev5 V2X)	2.11 or above	<b>V2x (Model 2005) Fuji Core Units Only.</b> <b>DO NOT</b> Load onto any: - V2 (Model SA 2000) hardware. - V2x (Model SA 2005) hardware with Rev 4 main board	Requires High Level 2.50.11 or above.
LL 2.3.1	ll23_0001.srd	Latest Rev. 4 <b>V2x</b> (Model 2005) Fuji core units	2.06 or above	<b>V2x (Model 2005) Fuji Core Units Only.</b> <b>DO NOT</b> Load onto any: - V2 (Model SA 2000) hardware.	Requires High Level 2.50.0 or above.
<b>NOTES:</b>					
1 For installing HL and LL firmware refer to Smart-Alek Communicator Manual MNL-SA-2.					
2 For <b>HL</b> Firmware upgrades <b>the configuration must be saved and restored</b> as part of the upgrade process.					

**REVISION HISTORY** [Provide Date (yyyy-mm-dd), Initials of Eng., Details)

2005-09-27, EH, ECO-295. Release of Bootloader for V2x

2006-10-03, EH, ECO-316. Release of LL 2.3.1 firmware. With Contact Closure, modification of RTC communication, and modification of Fuji core communication

2013-12-02, EB, ECO-386, release of HL2.50.11 firmware, with support for Fuji DPE core