













	UP3K LITE			UP3K WITH (TERMINAL BLOCK CONNECTIONS)				UP3K WITH (MINI CHANGE CONNECTIONS)		
										
Model #	AXM-UP3062-0001	AXM-UP3072-0001	AXM-UP3012-0001 AXM-UP3032-0001	AXM-UP3592-0924 AXM-UP3592-0973	AXM-UP3502-0001 AXM-UP3502-0973 AXM-UP3502-0773 AXM-UP3502-0873	AXM-UP3512-0924 AXM-UP3512-0973 AXM-UP3532-0924 AXM-UP3532-0973	AXM-UP3522-0924 AXM-UP3522-0973	AXM-UP3202-0924 AXM-UP3202-0973	AXM-UP3222-0924 AXM-UP3222-0973	AXM-UP3292-0924 AXM-UP3292-0973 AXM-UP3292-1973
Performance	ARM Cortex A9 QUAD 1GHz, 2GByte DDR3			ARM Cortex A9 QUAD 1GHz, 2GByte DDR3				ARM Cortex A9 QUAD 1GHz, 2GByte DDR3		
USER INTERFACE										
LCD Touchscreen	800x480 16K Color	800x480 16K Color	800x480 16K Color	800x480 16K Color	800x480 16K Color	800x480 16K Color	800x480 16K Color	800x480 16K Color	800x480 16K Color	800x480 16K Color
Video Out 1	HDMI 1080p60Hz	HDMI 1080p60Hz	HDMI 1080p60Hz	HDMI 1080p60Hz : UP3592-0973	HDMI 1080p60Hz : UP3502-0973 UP3502-0773 UP3502-0873	HDMI 1080p60Hz : UP3512-0973 UP3532-0973	HDMI 1080p60Hz : UP3522-0973	HDMI 1080p60Hz : UP3202-0973	HDMI 1080p60Hz : UP3222-0973	HDMI 1080p60Hz : UP3292-0973 UP3292-1973
Video Out 2	-	-	-	-	-	-	-	-	-	-
Video Out 3	-	-	-	-	-	-	-	-	-	-
Audio Out	-	-	-	-	STEREO	-	-	-	STEREO	STEREO
Audio In	-	-	-	-	STEREO	-	-	-	STEREO	STEREO
Tricolor LEDs	-	-	-	8	8	8	8	8	8	8
Internal Stacklight	5 TRI	5 TRI	5 TRI	5 TRI	5 TRI	5 TRI	5 TRI	5 TRI	5 TRI	5 TRI
RFID Reader	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
INPUT / OUTPUT										
24V Inputs NPN/PNP	4	4	4	16	16	16	16	16	16	16
Analog Inputs (0-10V)	2	2	2	-	-	-	-	-	-	-
24V Outputs NPN/PNP	-	-	-	16	16	16	16	16	16	16
Analog Outputs (0-10V)	2	2	2	-	-	-	-	-	-	-
Optically Isolated Inputs	2	2	2	2	2	2	2	2	2	2
Form C Relay Outputs	3	3	3	2	2	2	2	2	2	2
IO LINK	-	-	-	-	2 Ch : UP3502-0773 4 Ch : UP3502-0873	-	-	-	-	-
External Stacklight Connection	-	-	-	YES	YES	YES	YES	YES	YES	YES
COMMUNICATION										
RS-232 Ports	-	-	-	4 DSUB	4 DSUB	4 DSUB	4 DSUB	4 DSUB	4 DSUB	3 CIRCULAR
RS-232/485 Ports	2 DSUB	2 DSUB	2 DSUB	-	-	-	-	-	-	-
Hi Speed Serial	1 DSUB	1 DSUB	1 DSUB	-	-	-	-	-	-	-
PoE 802.3at	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ethernet 10/100Mb	-	-	-	-	-	-	-	-	-	-
Ethernet 10/100/1000	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
CANbus	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Fieldbus Protocols	EtherNet/IP, Devicenet™, OBDII	EtherNet/IP, Devicenet™, OBDII, & FLNet*	EtherNet/IP, Devicenet™ , OBDII, CC-Link : UP3012-0001 PROFINET: UP3032-0001	EtherNet/IP, Devicenet™, OBDII	EtherNet/IP, Devicenet™, OBDII, & FLNet	EtherNet/IP, Devicenet™, OBDII, CC-Link : UP3512-0001 PROFINET: UP3532-0001	EtherNet/IP, Devicenet™, OBDII, DUAL FLNet	EtherNet/IP, Devicenet™, OBDII,	EtherNet/IP, Devicenet™, OBDII	EtherNet/IP, Devicenet™, OBDII
USB 2.0 Host	1	1	1	-	-	-	-	-	-	-
USB 2.0 OTG	1	1	1	-	-	-	-	-	-	-
WiFi (802.11)	-	-	-	-	-	-	-	-	-	-
Zigbee (802.15.4)	-	-	-	-	-	-	-	-	-	-
mPCIe	-	-	-	-	-	-	-	-	-	-
mSATA	-	-	-	-	-	-	-	-	-	-
PHYSICAL										
Power Barrel	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc
Power Terminal	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc
Power over Ethernet	802.3at	802.3at	802.3at	802.3at	802.3at	802.3at	802.3at	802.3at	802.3at	802.3at
Weight	3.5 lbs	3.6 lbs	3.6 lbs	5.5 lbs	5.5 lbs	5.5 lbs	5.5 lbs	5.5 lbs	5.5 lbs	5.5 lbs
Size	10" x 5" x 2.5"	10" x 5" x 2.5"	10" x 5" x 2.5"	11" x 7" x 4"	11" x 7" x 4"	11" x 7" x 4"	11" x 7" x 4"	11" x 7" x 4"	11" x 7" x 4"	11" x 7" x 4"
Enclosure	IP41 : Santex Black over Mild Steel			IP52 : Santex Black over Welded Aluminum Sheet				IP64 : Santex Black over Welded Aluminum Sheet		

	UP4K					MultiTrax Historian	Machine Access Control
							
Model #	AXM-UP4022-0000	AXM-UP4022-0030	AXM-UP4022-0031	AXM-UP4032-0000	AXM-UP4032-0030		
Performance	ARM Cortex A9 QUAD 1GHz, 2GByte DDR3					ARM Cortex A9 QUAD 1GHz, 4GByte DDR3	ARM Cortex A9 QUAD 1GHz, 4GByte DDR3
USER INTERFACE							
Video Out 1	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz
Video Out 2	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz
Video Out 3	VGA	VGA	VGA	VGA	VGA	VGA	VGA
Audio Out	STEREO	STEREO	STEREO	STEREO	STEREO	STEREO	STEREO
Audio In	STEREO	STEREO	STEREO	STEREO	STEREO	STEREO	STEREO
Indicator LEDs	YES	YES	YES	YES	YES	YES	YES
INPUT / OUTPUT							
Optically Isolated Inputs	2	2	2	2	2	2	2
Form C Relay Outputs	2	2	2	2	2	2	2
IO Power	24V @ 100mA	24V @ 100mA	24V @ 100mA	24V @ 100mA	24V @ 100mA	24V @ 100mA	24V @ 100mA
IO LINK							
COMMUNICATION							
Ethernet 10/100Mb	3 Port Switch	3 Port Switch	3 Port Switch	3 Port Switch	3 Port Switch	3 Port Switch	3 Port Switch
Ethernet 10/100/1000	-	YES	YES	YES	YES	YES	YES
Fieldbus Protocols	EtherNet/IP	EtherNet/IP	EtherNet/IP	FL-NET	FL-NET	-	-
USB 2.0 Host	3	3	3	3	3	3	3
mPCIe	-	-	opt	opt	opt	opt	opt
mSATA SSD	-	-	240Gb	240Gb	240Gb	240Gb	240Gb
PHYSICAL							
PoE 802.3at	YES	YES	YES	YES	YES	YES	YES
Power Barrel	<i>special order</i>	<i>special order</i>	<i>special order</i>	<i>special order</i>	<i>special order</i>	-	-
Power Terminal	120Vac	120Vac	120Vac	120Vac	120Vac	120Vac	120Vac
Power over Ethernet	802.3at	802.3at	802.3at	802.3at	802.3at	802.3at	802.3at
Weight							
Size	4 lbs <i>Reduced heatsink</i>	5.4 lbs	5.4 lbs	5.4 lbs	5.4 lbs	5.4 lbs	5.4 lbs
	12.5" x 5.5" x 1.75"	12.5" x 5.5" x 1.75"	12.5" x 5.5" x 1.75"	12.5" x 5.5" x 1.75"	12.5" x 5.5" x 1.75"	12.5" x 5.5" x 1.75"	12.5" x 5.5" x 1.75"
Enclosure	IP41 : Santex Black over Mild Steel						
NOTE							
For additional Field Bus option consult factory							

	GRID 10					GRID 15	GRID 13Wide	GRID 21				GRID 21 plus			
															
Model #	AXM-UP3100-0000	AXM-UP3100-0001	AXM-UP3100-0100	AXM-UP3100-0101	AXM-UP3100-0121	Coming Q4 2021	Coming Q4 2021	AXM-UP5100-0001	AXM-UP5100-0101	AXM-U5200-0101	AXM-UP5300-0000	AXM-UP5000-0100	AXM-UP5000-0110	AXM-UP5000-0140	
Performance	ARM Cortex A9 QUAD 1GHz, 4GByte DDR3							ARM Cortex A9 QUAD 1GHz, 4GByte DDR3				Intel i5 5300	ARM Cortex A9 QUAD 1GHz, 2GByte DDR3		
USER INTERFACE	LINUX/ANDROID	LINUX/ANDROID	LINUX/ANDROID	LINUX/ANDROID	LINUX/ANDROID	LINUX/ANDROID	LINUX/ANDROID	LINUX/ANDROID	LINUX/ANDROID	LINUX/ANDROID	Win10 IoT				
LCD Touchscreen	10.1" 1280 x 800 350nit					15" 1280x800 400nit	13.5" Wide Format 1280x398 600nit	21.5" Active TFT LCD (LED) 1920x1080 16 bpp, 225nits, C/R 1000:1				21.5" Active TFT LCD (LED) 1920x1080 16 bpp, 225nits, C/R 1000:1			
Video Out 1	-	HDMI	HDMI	HDMI	HDMI	HDMI	HDMI	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	1080p60Hz	
Video Out 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Audio Out	-	HDMI	HDMI	HDMI	HDMI	HDMI	HDMI	-	-	HDMI	HDMI	STEREO	STEREO	STEREO	
Audio In	-	-	-	-	-	-	-	-	-	-	-	STEREO	STEREO	STEREO	
Tricolor LEDs	-	-	-	-	-	-	-	-	-	-	-	Full perimeter multicolor LEDs (300 individually selectable)			
RFID Reader	-	125KHz/13.5MHz	-	125KHz/13.5MHz	125KHz/13.5MHz	125KHz/13.5MHz	125KHz/13.5MHz	125KHz/13.5MHz	125KHz/13.5MHz	125KHz/13.5MHz	125KHz/13.5MHz	-	-	125KHz / 13.5MHz	
INPUT / OUTPUT															
Dry Contact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Optically Isolated Inputs	-	-	-	-	-	-	-	-	-	-	-	opt	opt	opt	
IO LINK			2 Ch Master : UP5100-0100	2 Ch Master : UP5100-0101	2 Ch Master : UP5100-0121				2 Ch Master : UP5100-0101	2 Ch Master : UP5100-0101	-	2 Channel Master : All Models			
COMMUNICATION															
RS-232 Ports	-	4 DSUB	-	-	-	4 DSUB	4 DSUB	-	-	-	-	-	-	-	
RS-232/485 Ports	2 DSUB	-	2 DSUB	2 DSUB	2 DSUB	-	-	-	-	-	-	-	-	-	
Hi Speed Serial	1 DSUB	-	1 DSUB	1 DSUB	1 DSUB	-	-	-	-	-	-	-	-	-	
PoE 802.3	802.3bt	802.3bt	802.3bt	802.3bt	802.3bt	802.3bt	802.3bt	802.3bt	802.3bt	802.3bt	802.3bt	802.3at	802.3at	802.3at (standby only)	
Ethernet 10/100Mb	-	-	-	-	-	-	-	-	-	-	-	2 Port Switch	2 Port Switch	2 Port Switch	
Ethernet 10/100/1000	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
CANbus	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	-	-	-	
Fieldbus Protocols	EtherNet/IP, Devicenet™, OBDII	EtherNet/IP, Devicenet™	EtherNet/IP, Devicenet™, OBDII, & FLNet*	EtherNet/IP, Devicenet™, OBDII, & FLNet*	EtherNet/IP, Devicenet™, OBDII, & FLNet*	EtherNet/IP, Devicenet™	EtherNet/IP, Devicenet™	EtherNet/IP, Devicenet™, OBDII	EtherNet/IP, Devicenet™, OBDII	EtherNet/IP, Devicenet™, OBDII	EtherNet/IP, Devicenet™, OBDII	EtherNet/IP, FLNET, ProfiNET, Profibus, MODBUS, CCLink, DeviceNET***, OBDII***, CAN***			
USB 2.0 Host	1	-	1	1	1	-	-	4 x USB 2.0	4 x USB 2.0	2 x USB 2.0, 2 x USB 3.0	2 x USB 2.0, 2 x USB 3.0	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0	
USB 2.0 OTG	1	-	1	1	1	-	-	-	-	-	-	-	-	-	
WiFi (802.11)	-	-	-	-	802.11bgn	-	-	opt	opt	opt	opt	opt	opt	opt	
Zigbee (802.15.4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
mPCIe	-	-	-	-	-	-	-	opt	opt	opt	opt	opt	opt	opt	
mSATA	-	-	-	-	-	-	-	opt	opt	opt	opt	opt	opt	500Gbyte	
PHYSICAL															
Power Barrel	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc	120Vac	120Vac	120Vac	
Power over Ethernet	802.3at	802.3bt	802.3at	802.3at	802.3at	802.3bt	802.3bt	802.3at	802.3at	802.3at	802.3at	802.3at	802.3at	802.3at	
Weight	5.6 lbs	8 lbs	5.6 lbs	5.6 lbs	5.6 lbs	8 lbs	8 lbs	15 lbs	15 lbs	15 lbs	15 lbs	16.5 lbs	16.5 lbs	16.5 lbs	
Size	11" x 7" x 2.5"	13" x 4" x 2"	11" x 7" x 4"	11" x 7" x 4"	11" x 7" x 4"	13" x 4" x 2"	13" x 4" x 2"	20.8" x 12.8" x 2.8"	20.8" x 12.8" x 2.8"	20.8" x 12.8" x 2.8"	20.8" x 12.8" x 2.8"	21.8" x 13.5" x 2.8"	21.8" x 13.5" x 2.8"	21.8" x 13.5" x 2.8"	

	ASSET TRACKING		GATEWAY			PoE IO				
Model #	 ANCHOR / LISTENER AXM-POEDEC-0010 AXM-POEDEC-0011	 TAG AXM-DECTAG-0001	 AXM-UP1000-M001	 AXM-POEGIO-0010 AXM-POEENC-0001	 AXM-POEPAN-0010 AXM-POEIRX-0001	 AXM-POEDEC-0010 AXM-POEDEC-0011	 AXM-POESL5-0030 AXM-POESL5-0031	 AXM-POESL5-0032 <i>(semi custom)</i>	 AXM-POESL5-0025	 AXM-POESL5-0020
Performance	ARM CORTEX M7 @ 600MHz	ARM M4	Coldfire V2 @ 80MHz <i>ARM Version coming soon</i>	ARM CORTEX M7 @ 600MHz					ARM CORTEX M7 @ 600MHz	
USER INTERFACE										
Web Interface		--	-	-					-	
Illumination	MULTICOLOR		-	-	MULTICOLOR	MULTICOLOR	MULTICOLOR	MULTICOLOR	5 COLOR	5 COLOR
RFID Reader	--	--	-				125KHz / 13.5MHz		125KHz / 13.5MHz	125KHz
User Pushbutton	YES			YES	YES	YES	YES	YES	YES	YES
INPUT / OUTPUT										
24V Inputs NPN/PNP	--	2 optional	-	opt	opt	opt	-		-	-
Analog Inputs (0-10V)	--	--	-	opt	opt	opt	-		-	-
24V Outputs NPN/PNP	--	2 optional	-	opt	opt	opt	-		-	-
Analog Outputs (0-10V)	--	--	-	opt	opt	opt	-		-	-
Optically Isolated Inputs	--	--	-	opt	opt	opt	2	2	-	-
Form C Relay Outputs	--	--	-	opt	opt	opt	2	2	-	-
COMMUNICATION										
RS-232 Ports	--	--	-	opt			-		-	-
RS-232/485 Ports	--	--	2	opt			-		-	-
Hi Speed Serial	--	--	-	-			-		-	-
PoE 802.3at	--	--	-	-			-		-	-
Ethernet 10/100Mb	--	--	2 Port Switch	1			1		1	-
CANbus	--	--	1	-			--	--	--	--
Fieldbus Protocols	--	--	--	--	AXM-POEIRX-0001 : IR QX PROTOCOL					
USB 2.0 Host	--	--	USB 1.0 HOST	opt			-		-	
Zigbee (802.15.4)	--	--	-	-	YES	OPT	-	-	-	-
PHYSICAL										
Power Input	PoEat		3 PIN 24Vdc	-			-		-	
Power over Ethernet		N/A	-	802.3af	802.3af		802.3af		802.3af	
Weight	1.5 lbs	0.3 lbs	1.6 lbs	0.51 lbs	0.71 lbs	1 lbs	1 lbs	2 lbs	1.59 lbs	2 lbs
Size			4.75" x 4.25" x 2.3"	6.25" x 2.75" x 2.2"	6.25" x 2.75" x 2.2"		6.25" x 2.75" x 2.2"	12"	15.5" x 2.75" x 2.25"	
Enclosure	BLACK ABS -0010 CLEAR ABS -0011	TRANSPARENT	SANTEX BLACK / MILD STEEL	BLACK ABS	CLEAR ABS	BLACK ABS -0010 CLEAR ABS -0011	CLEAR ABS	CLEAR ABS SANTEX BLACK DIE CAST	BLACK ABS	

	SOCKET SELECTOR	PoE QUAD HUB	IO LINK STACKLIGHT	3 COLOR STACKLIGHT	5 COLOR STACKLIGHT	DESKTOP RFID READER	TOHO INTERFACE	SENSOR
								
Model #	Coming Q4 2021	AXM-POEHUB-0001	Coming Q4 2021	AXM-UP2000-L002	AXM-UP2000-L102			
Performance	ARM CORTEX M7 @ 600MHz		ARM CORTEX M7 @ 600MHz	n/a	n/a			
USER INTERFACE								
Web Interface	YES	-	-	-	-	-	-	-
Illumination	-	-	MULTICOLOR	3 COLOR	5 COLOR	-	-	-
RFID Reader	-	-	-	-	-	125KHz	125KHz	-
COMMUNICATION								
RS-232 Ports	-	-	-	-	-	-	YES	YES
USB HOST	-	-	-	-	-	-	YES	-
PoE 802.3at	-	YES	-	-	-	-	-	-
Ethernet 1	10/100Mb	10/100Mb w/ PoEat IN	-	-	-	-	-	-
Ethernet 2	10/100Mb	10/100Mb w/ PoEaf OUT	-	-	-	-	-	-
Ethernet 3	-	10/100Mb	-	-	-	-	-	-
PHYSICAL								
Power Input	-	-	8 pin Micro Change	5 PIN Mini Change	8 PIN Micro Change	-	-	-
Power over Ethernet	-	802.3af	-	-	-	-	-	-
Weight	9 lbs	0.3 lbs	-	0.5 lb	0.7 lb	-	2lbs	0.4lbs
Size	-	6.25" x 2.75" x 2.2"	12"	8.4" x 1.5" dia	11.25" x 1.5" dia	5" x 3" x 1"	-	-
Enclosure	Extruded Aluminum	-	-	ABS	ABS	PVC	POWDER COATED STEEL	PVC