# artificial intelligence for video surveillance

The Most Cost Effective Artificial Intelligence for Surveillance Solutions

#### **Device Specifications**

Version 2.0



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### 1. A BOX device Specifications

* Number of Channels	V1: Maximum 16 RTSP Streams (live view only). V2: 10 Channels live and recording.					
LANC						
LAN Port	YES					
Transmission	10 / 100 / 1000 Based – T					
Connection to DVR / NVR	Via TCP/ IP					
,	VIDEO					
Resolution	CIF Resolution					
Frames Per Second (FPS)	6 FPS					
Source Stream	Live only					
V1: Number of Channels	16 Live Streams – max 4 simultaneously					
V2: Number of Channels	10 Channels live/ recording. Live - max 4 simultaneously. Record - Single Channel Playback.					
COMMUNIC	TATION PLATFORM					
Outputs	4x Dry Contact Outputs					
V1 and 2 Output Trigger	Trigger via Interface or Telegram					
OPERATING VOLTAGE						
Voltage Input	220-230VAC 50hz					
Output Voltage	13.8v-14.2v O					
12vdc Battery Backup	YES					
AC Fail Output Rating	140 ma 🛛 🖉 🔾					
Backup time	Approximately 1.5 hours (Backup PSU optional)					
Nett Weight	3.7kg (Includes 12v 1.4amp Battery)					
IP Rating	Only for indoor use					
Power LED	YES					
Buzzer On AC FAIL	YES (Optional)					
Current Draw	3.7 Amp, 5 Volts					
* IP or Analogue,	or a Combination thereof.					
	me, contact your service provider for up to date manuals and mation on a regular basis.					

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#### 2. Pi - 8 Channel Device Specifications

Number of AVLYTICS Channels Maximum 8 RTSP Streams *						
LAN CONNECTION						
LAN Port	YES					
Transmission	10 / 100 / 1000 Based – T					
Connection to DVR / NVR	Via TCP/ IP					
Y	/IDEO					
Resolution	CIF Resolution					
Frames Per Second (FPS)	6 FPS					
Source Stream	Record Stream or Sub Stream					
Human Presence Detection	YES					
Number of Regions	1					
Number of Channels	*8 x CIF or 2 x VGA					
COMMUNICA	ATION PLATFORM					
Detection Alerts	Telegram App/ AVTASS IP Base (CID Telemetry)					
Inputs	1					
Outputs	4					
Output Functions Set 1	On/Off; Detection Alarm; A/C Fail; Diagnostic					
Output Functions Set 2	Relays / Camera Detection (on request)					
Enclosure Tamper	YES					
Arming Method	via Telegram App / Schedule / Local Input					
Disarming Method	via Telegram App / Schedule / Local Input					
OPERATI	NG VOLTAGE					
Voltage Input	220-230VAC 50hz					
Output Voltage	13.8v-14.2v					
12vdc Battery Backup	YES					
AC Fail Output Rating	140 ma					
Backup time	Approximately 1.5 hours (Backup PSU optional)					
Nett Weight	3.7kg (Includes 12v 1.4amp Battery)					
IP Rating	Only for indoor use					
Power LED	YES					
Buzzer On AC FAIL	YES (Optional)					
Current Draw	3.7 Amp, 5 Volts					
* IP or Analogue, o	or a Combination thereof.					
	e, contact your service provider for up to date manuals and nation on a regular basis.					
specification						

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#### 3. NUK – 16 Channel Device Specifications

Number of AVLYTICS Channels	Maximum 16 RTSP Streams *			
LAN CC	DNNECTION			
LAN Port	YES			
Transmission	10 / 100 / 1000 Based – T			
Connection to DVR / NVR	Via TCP/ IP			
V	'IDEO			
Resolution	VGA Resolution			
Frames Per Second (FPS)	6 FPS			
Source Stream Record Stream or Substream				
Human Presence Detection	YES			
Number of Regions	1			
Number of Channels	*16 x 1MP			
RAM	8 GB			
COMMUNICA	ATION PLATFORM			
Detection Alerts	Telegram App/ AVTASS IP Base (CID Telemetry)			
Inputs	1			
Outputs	4 0 0			
Output Functions Set 1	On/Off; Detection Alarm; A/C Fail; Diagnostic			
Output Functions Set 2	Relays / Camera Detection (on request)			
Enclosure Tamper	YES			
Arming Method     via Telegram App / Schedule / Local Input				
Disarming Method	via Telegram App / Schedule / Local Input			
	NG VOLTAGE			
Voltage Input	220-230VAC 50hz			
Output Voltage	19.2v			
12vdc Battery Backup	n/a			
AC Fail Output Rating	n/a			
Backup time	n/a			
Nett Weight				
IP Rating	Only for indoor use			
Power LED	YES			
Buzzer On AC FAIL	n/a			
Current Draw				
	r a Combination thereof.			
	e, contact your service provider for up to date manuals and nation on a regular basis.			



#### 4. NUK – 32 Channel Device Specifications

LAN CONNECTION         LAN Port       YES         Transmission       10/100/1000 Based – T         Connection to DVR / NVR       Via TCP/ IP         VIDEO         Resolution       VGA Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Output Functions Set 1       On/Off, Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 1       On/Off, Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 1       On/Off, Detection Alarm; A/C Fail; Diagnostic         Output Voltage       19.2v         1biarming Method       via Telegram App / Schedule / Local Input         OVERATING VOLTAGE       OVERATING         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12/2dc Battery Backup       n/a         AC Fail Output Rating       n/a         <	Number of AVLYTICS Channels	Maximum 32 RTSP Streams *			
Transmission       10 / 100 / 100 Dased - T         Connection to DVR / NVR       Via TCP/ IP         VIDEO       VIDEO         Resolution       VGA Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (or request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method	LAN C	ONNECTION			
Connection to DVR / NVR       Via TCP/ IP         VIDEO       Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Output Functions Set 1       On/Off, Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Ubigat Plant       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Backup time       n/a         Backup time       n/a         Backup time       n/a         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         Backup time       n/a	LAN Port	YES			
Connection to DVR / NVR       Via TCP/ IP         VIDEO       Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Output Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Ac Fail Output Rating       n/a         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       *'IP or Analogue, or a Combination thereof.	Transmission	10 / 100 / 1000 Based – T			
Resolution       VGA Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         Metight	Connection to DVR / NVR				
Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off, Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Detection Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Met Weight       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Power LED       YES         Buzzer On AC FAIL       n/a         * IP or Analogue, or a Combination thereof. <td></td> <td>VIDEO</td>		VIDEO			
Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x IMP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Detection Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Met Weight       0         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       -	Resolution	VGA Resolution			
Source Stream         Record Stream or Substream           Human Presence Detection         YES           Number of Regions         1           Number of Channels         *32 x 1MP           RAM         16 GB           COMMUNICATION PLATFORM           Detection Alerts         Telegram App/ AVTASS IP Base (CID Telemetry)           Inputs         1           Outputs         4           Output Functions Set 1         On/Off; Detection Alarm; A/C Fail; Diagnostic           Output Functions Set 2         Relays / Camera Detection (on request)           Enclosure Tamper         YES           Arming Method         via Telegram App / Schedule / Local Input           Disarming Method         via Telegram App / Schedule / Local Input           Output Voltage         19.2v           12vdc Battery Backup         n/a           AC Fail Output Rating         n/a           Mett Weight         n/a           IP Rating         Only for indoor use           Power LED         YES           Buzzer On AC FAIL         n/a           * IP or Analogue, or a Combination thereof.         * IP or Analogue, or a Combination thereof.					
Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         OPERATING VOLTAGE       OUtput Voltage         Voltage Input       220-230VAC 50hz         Output Rating       n/a         AC Fail Output Rating       n/a         Backup time       n/a         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       n/a         * IP or Analogue, or a Combination thereof.		Record Stream or Substream			
Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         OUtput Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Nett Weight       0         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       n/a	Human Presence Detection	YES			
Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         OUtput Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Nett Weight       0         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       n/a	Number of Regions	1			
COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         OUtput Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Backup time       n/a         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         * IP or Analogue, or a Combination thereof.       * IP or date manuals and		*32 x 1MP			
Detection AlertsTelegram App/ AVTASS IP Base (CID Telemetry)Inputs1Outputs4Output Functions Set 1On/Off; Detection Alarm; A/C Fail; DiagnosticOutput Functions Set 2Relays / Camera Detection (on request)Enclosure TamperYESArming Methodvia Telegram App / Schedule / Local InputDisarming Methodvia Telegram App / Schedule / Local InputOUtput Voltage Input220-230VAC 50hzOutput Voltage19.2v12vdc Battery Backupn/aAc Fail Output Ratingn/aNett Weight1IP RatingOnly for indoor usePower LEDYESBuzzer On AC FAILn/aCurrent Draw'IP or Analogue, or a Combination thereof.	RAM	16 GB			
Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         OPERATING VOLTAGE       OPERATING VOLTAGE         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Backup time       n/a         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         * IP or Analogue, or a Combination thereof.       * IP or Analogue, or a Combination thereof.	COMMUNIC	ATION PLATFORM			
Outputs4Output Functions Set 1On/Off; Detection Alarm; A/C Fail; DiagnosticOutput Functions Set 2Relays / Camera Detection (on request)Enclosure TamperYESArming Methodvia Telegram App / Schedule / Local InputDisarming Methodvia Telegram App / Schedule / Local InputOPERATING VOLTAGEVoltage Input220-230VAC 50hzOutput Voltage19.2v12vdc Battery Backupn/aBackup timen/aIP RatingOnly for indoor usePower LEDYESBuzzer On AC FAILn/aCurrent Draw* IP or Analogue, or a Combination thereof.* IP or Analogue, or a Combination thereof.	Detection Alerts	Telegram App/ AVTASS IP Base (CID Telemetry)			
Output Functions Set 1On/Off; Detection Alarm; A/C Fail; DiagnosticOutput Functions Set 2Relays / Camera Detection (on request)Enclosure TamperYESArming Methodvia Telegram App / Schedule / Local InputDisarming Methodvia Telegram App / Schedule / Local InputOPERATING VOLTAGEVoltage Input220-230VAC 50hzOutput Voltage19.2v12vdc Battery Backupn/aAC Fail Output Ratingn/aBackup timen/aIP RatingOnly for indoor usePower LEDYESBuzzer On AC FAILn/aCurrent Draw* IP or Analogue, or a Combination thereof.	Inputs	1			
Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         OPERATING VOLTAGE       OPERATING VOLTAGE         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Backup time       n/a         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.	Outputs	4			
Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         OPERATING VOLTAGE       OPERATING VOLTAGE         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Backup time       n/a         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.	Output Functions Set 1	On/Off; Detection Alarm; A/C Fail; Diagnostic			
Arming Methodvia Telegram App / Schedule / Local InputDisarming Methodvia Telegram App / Schedule / Local InputOPERATING VOLTAGEVoltage Input220-230VAC 50hzOutput Voltage19.2v12vdc Battery Backupn/aAC Fail Output Ratingn/aBackup timen/aNett Weight0IP RatingOnly for indoor usePower LEDYESBuzzer On AC FAILn/aCurrent Draw* IP or Analogue, or a Combination thereof.	Output Functions Set 2	Relays / Camera Detection (on request)			
Disarming Method       via Telegram App / Schedule / Local Input         OPERATING VOLTAGE         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Backup time       n/a         Nett Weight       0         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       *					
OPERATING VOLTAGE         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Backup time       n/a         Nett Weight       0         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw					
Voltage Input220-230VAC 50hzOutput Voltage19.2v12vdc Battery Backupn/aAC Fail Output Ratingn/aBackup timen/aNett Weight0IP RatingOnly for indoor usePower LEDYESBuzzer On AC FAILn/aCurrent Draw* IP or Analogue, or a Combination thereof.	Disarming Method	via Telegram App / Schedule / Local Input			
Output Voltage       19.2v         12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Backup time       n/a         Nett Weight       0         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.	OPERAT	ING VOLTAGE			
12vdc Battery Backup       n/a         AC Fail Output Rating       n/a         Backup time       n/a         Nett Weight       0         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.	Voltage Input	220-230VAC 50hz			
AC Fail Output Rating       n/a         Backup time       n/a         Nett Weight       n/a         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.         * IP or Analogue, or a Combination thereof.					
Backup time       n/a         Nett Weight       IP Rating         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.         * IP or Analogue, or a Combination thereof.					
Nett Weight       Only for indoor use         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.         * IP or Analogue, or a Combination thereof.         e note that specifications may change at any time, contact your service provider for up to date manuals and	AC Fail Output Rating	n/a			
IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.         * IP or Analogue, or a Combination thereof.         e note that specifications may change at any time, contact your service provider for up to date manuals and	Backup time	n/a			
Power LED     YES       Buzzer On AC FAIL     n/a       Current Draw     *       * IP or Analogue, or a Combination thereof.       e note that specifications may change at any time, contact your service provider for up to date manuals and	Nett Weight				
Buzzer On AC FAIL       n/a         Current Draw       *         * IP or Analogue, or a Combination thereof.         e note that specifications may change at any time, contact your service provider for up to date manuals and	IP Rating	Only for indoor use			
Current Draw  * IP or Analogue, or a Combination thereof.  e note that specifications may change at any time, contact your service provider for up to date manuals and	Power LED	YES			
* IP or Analogue, or a Combination thereof.	Buzzer On AC FAIL	n/a			
e note that specifications may change at any time, contact your service provider for up to date manuals and	Current Draw				
e note that specifications may change at any time, contact your service provider for up to date manuals and					
note that specifications may change at any time, contact your service provider for up to date manuals and	* IP or Analogue,	or a Combination thereof.			
Specification information on a regular basis.	se note that specifications may change at any tir specification infor	ne, contact your service provider for up to date manuals and mation on a regular basis.			



#### 5. NUK – 64 Channel Device Specifications

LAN CONNECTION         LAN Port       YES         Transmission       10 / 100 / 100 / Based – T         Connection to DVR / NVR       Via TCP/ IP         VIDEO       VIDEO         Resolution       VGA Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM       Detection Alerts         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Output Functions Set 1       On/Off, Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Output Voltage       19.2v         12/2dc Battery Backup       n/a         AC Fail Output Rating       n/a         Record Stategram       YES         Buzzer On AC FAIL       n/a         IP Rating<	Number of AVLYTICS Channels	Maximum 32 RTSP Streams *					
Transmission       10 / 100 / 100 Dased - T         Connection to DVR / NVR       Via TCP/ IP         VIDEO       VIDEO         Resolution       VGA Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (nequest)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method		CONNECTION					
Connection to DVR / NVR       Via TCP/ IP         VIDEO       Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (n request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Detection VDITAGE       Output Voltage         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         Metting       n/a         Nett Weight       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a	LAN Port	YES					
Connection to DVR / NVR       Via TCP/ IP         VIDEO       Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (n request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Detection VDITAGE       Output Voltage         Voltage Input       220-230VAC 50hz         Output Voltage       19.2v         12vdc Battery Backup       n/a         Metting       n/a         Nett Weight       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a	Transmission	10 / 100 / 1000 Based – T					
Resolution       VGA Resolution         Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x 1MP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarting Method <t< td=""><td>Connection to DVR / NVR</td><td>· · ·</td></t<>	Connection to DVR / NVR	· · ·					
Frames Per Second (FPS)       6 FPS         Source Stream       Record Stream or Substream         Human Presence Detection       YES         Number of Regions       1         Number of Channels       *32 x IMP         RAM       16 GB         COMMUNICATION PLATFORM         Detection Alerts       Telegram App/ AVTASS IP Base (CID Telemetry)         Inputs       1         Outputs       4         Output Functions Set 1       On/Off; Detection Alarm; A/C Fail; Diagnostic         Output Functions Set 2       Relays / Camera Detection (on request)         Enclosure Tamper       YES         Arming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Disarming Method       via Telegram App / Schedule / Local Input         Output Voltage       19.2v         12vdc Battery Backup       n/a         Ac Fail Output Rating       n/a         Metight       0         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       -							
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Backup time       n/a         Nett Weight       IP Rating         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.         e note that specifications may change at any time, contact your service provider for up to date manuals and							
Nett Weight       Only for indoor use         IP Rating       Only for indoor use         Power LED       YES         Buzzer On AC FAIL       n/a         Current Draw       * IP or Analogue, or a Combination thereof.         e note that specifications may change at any time, contact your service provider for up to date manuals and	AC Fail Output Rating	n/a					
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Buzzer On AC FAIL       n/a         Current Draw       *         * IP or Analogue, or a Combination thereof.         e note that specifications may change at any time, contact your service provider for up to date manuals and	IP Rating	Only for indoor use					
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#### 6. Benchmark Specifications for Installations

BENCH	ARK SPECIFICA	TIONS		NUMBER OF CHANNELS PER RESOLUTION					
RESOLUTION	RAM	CAP	ACITY	4MP	2MP	1MP	VGA	CIF	
AVT-308PS	Standard	11	MP	-	-	-	2	8	
AVT-316PS	8 GB	16	MP	4	8	16	28	50	
AVT-332PS	16 GB	32	MP	7	15	32	48	100	
AVT-364PS	32 GB	64MP		14	25	64	*Sq	*Sq	
RESOLUTION / LENS / ACCURACY				RESOLUTION INDEX AND CAPACITY CALCULATOR					
CIF – 3.6mm	20 mete	ers					AP specification,		
VGA – 4mm	VGA – 4mm30 meters1MP – 6mm40 meters			to use multiple resolutions (CIF/ VGA/ 2MP and 4MP) on one AVT device. This excludes the AVT-308PS, which is limited to VGA/ CIF resolution). To do this, take the total MP capacity of your AVT-Device and divide it by the total number of channels / resolution you wish to utilise.					
1MP – 6mm									
2MP – 6mm 60 meters			By adding the number of CIF (1/8 MP), VGA (1/4 MP) and the MP of the cameras on the site, you are able to calculate the correct settings for your limitation, to not						
4MP – 8mm	-			exceed the MP capacity of the device.					

#### **IMPORTANT NOTE:**

Additional RAM can be added to an AVT316 – 364 PS if more VGA/ CIF channels are required.

\* Sq : Please contact our technical department for more information.

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