









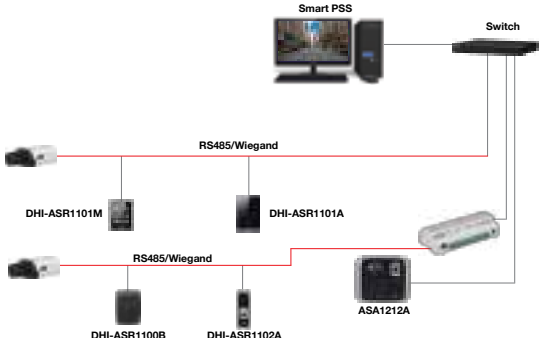




INTELLIGENT BUILDING QUICK GUIDE



Dahua offers a wide-range of access control products that secure one door or provide an access system for an entire building. Stand-alone and wired readers accept fingerprint, key card, and touchpad entry methods; and many of the units are waterproof and dustproof for operation in most environments. Powerful software integrates the access points with video surveillance, manages use interactions, and signals alarms to warn of a potential threat.

ACCESS READERS				
DHI-ASR1101M	DHI-ASR1101A	DHI-ASR1100B	DHI-ASR1201D	DHI-ASR1200D
				
RFID Card/ Password Reader	RFID Card/ Password Reader	Waterproof RFID Reader	Waterproof RFID Card/ Password Reader	Waterproof RFID Card Reader
<ul style="list-style-type: none"> • Wiegand 26/34 or RS485 Protocol • MIFARE 13.56 MHz Card Reader • Watch Dog Function for Tamper Detection • Metal Keypad Button with Blue Backlight • Audible and Visual Indicators • IK08 Vandal Resistance • Surface-mount Installation 	<ul style="list-style-type: none"> • Wiegand 26/34 or RS485 Protocol • MIFARE 13.56 MHz Card Reader • Watch Dog Function for Tamper Detection • Touch-screen Keypad • Audible and Visual Indicators • Surface-mount Installation 	<ul style="list-style-type: none"> • Wiegand Protocol • MIFARE 13.56 MHz Card Reader • Built-in Relay to Lock Door • Watch Dog Function for Tamper Detection • Audible and Visual Indicators • IP67 Ingress Protection • Surface-mount Installation 	<ul style="list-style-type: none"> • Wiegand 26/34 or RS485 Protocol • MIFARE 13.56 MHz Card Reader • Watch Dog Function for Tamper Detection • Touchscreen Keypad • Audible and Visual Indicators • IP66 Ingress Protection • Surface- or Flush-mount Installation 	<ul style="list-style-type: none"> • Wiegand 26/34 or RS485 Protocol • MIFARE 13.56 MHz Card Reader • Watch Dog Function for Tamper Detection • Touchscreen Keypad • Audible and Visual Indicators • IP65 Ingress Protection • Surface- or Flush-mount Installation
STAND-ALONE READER	CONTROLLERS			TIME AND ATTENDANCE
DHI-ASR1102A	DHI-ASI1212D	DHI-ASC1204B	DHI-ASC1204C	ASA2212A
				
RFID Card/Fingerprint Reader	Waterproof Controller	Four-door Access Controller	Four-Door Access Controller, Enclosed	Stand-alone Time and Attendance Reader/Controller
<ul style="list-style-type: none"> • RS485 Protocol • MIFARE 13.56 MHz Card Reader • Stores up to 3000 Fingerprints • Watch Dog Function for Tamper Detection • Metal Keypad Button with Blue Backlight • Audible and Visual Indicators • Surface-mount Installation 	<ul style="list-style-type: none"> • Wiegand 26/34 or RS485 Protocol to Reader • TCP/IP to PC for WAN Communication • MIFARE 13.56 MHz Card Reader • Touchscreen Keypad and LCD Display • Supports Card, Password, Fingerprint and a Combination of Credentials • Stores 30,000 Valid Cards, 3,000 Fingerprints, and 150,000 Events • Door Time Out, Intrusion, Duress, and Tamper Alarms • Audible and Visual Indicators • IP65 Ingress Protection 	<ul style="list-style-type: none"> • Wiegand 26/34 or RS485 Protocol to Readers • TCP/IP to PC for WAN Communication • Supports Card, Password, Fingerprint and a Combination of Credentials • Stores 100,000 Valid Cards 150,000 Events • Door Time Out, Intrusion, Duress, and Tamper Alarms • Anti-passback, Multi-door Interlock, and Multi-card Open Options • Surface-mount Installation 	<ul style="list-style-type: none"> • Wiegand 26/34 or RS485 Protocol to Readers • TCP/IP to PC for WAN Communication • Supports Card, Password, Fingerprint and a Combination of Credentials • Stores 100,000 Valid Cards 150,000 Events • Door Time Out, Intrusion, Duress, and Tamper Alarms • Anti-passback, Multi-door Interlock, and Multi-card Open Options • Surface-mount Installation 	<ul style="list-style-type: none"> • TCP/IP or RS485 Protocol to PC • MIFARE 13.56 MHz Card Reader • Touchscreen Keypad and LCD Display • Supports Card, Password, Fingerprint and a Combination of Credentials • Supports 1,000 Card Users, 3000 Fingerprints, 150,000 Unlock Records, and 30,000 Attendance Records • Supports 64 Unlock Periods and Holiday Schedules, and 64 Attendance Periods • Door Time Out, Intrusion, Duress, and Tamper Alarms • Audible and Visual Indicators
ENROLLMENT		ACCESS CONTROL DIAGRAM		
DHI-ASM102(V2)	DHI-ASM100			
				
RFID Fingerprint Enrollment Reader	RFID Card Reader/Writer			
<ul style="list-style-type: none"> • Plug-and-play Operation • USB Power Supply and Communication • Recognizes Wet or Dry Fingerprint • 500 DPI Image Resolution 	<ul style="list-style-type: none"> • Plug-and-play Operation • MIFARE Default IC Card • USB Power Supply and Communication • Recognizes Wet or Dry Fingerprint • Audible Indicator 			

IP INTERCOM SYSTEM				
<p>DHI-VTO1210C-X</p>  <p>Apartment Outdoor Station</p> <ul style="list-style-type: none"> • 1.3 MP CMOS Sensor • 3-in. STN LCD Display Screen • Night Vision and Voice Indication • Remote Unlock and Call to Management Center • IC Card Reader and Password Entry • Video and Audio Messaging, with two-way talk • IP54 Ingress Protection, IK07 Vandal Resistance • Stainless Steel Panel • Surface- or Flush-mount Installation 	<p>DHI-VTO1210B-X</p>  <p>Apartment Outdoor Station</p> <ul style="list-style-type: none"> • 1.3 MP CMOS Sensor • 3-in. STN LCD Display Screen • Night Vision and Voice Indication • Remote Unlock and Call to Management Center • IC Card Reader and Password Entry • Video and Audio Messaging, with two-way talk • IP65 Ingress Protection • Tempered Glass Panel • Flush-mount Installation 	<p>DHI-VTO1220BW</p>  <p>Apartment Outdoor Station</p> <ul style="list-style-type: none"> • 1.3 MP CMOS Sensor • 3.5-in. TFT LCD Display Screen • Night Vision and Voice Indication • Remote Unlock and Call to Management Center • IC Card Reader and Password Entry • Video and Audio Messaging, with two-way talk • IP65 Ingress Protection • Tempered Glass Panel • Flush-mount Installation 	<p>DHI-VTO2000A</p>  <p>Residential Outdoor Station</p> <ul style="list-style-type: none"> • 1.3 MP CMOS Sensor • Wide-angle Field of View • Night Vision and Voice Indication • Remote Unlock and Call to Management Center • Single Mechanical Button Call Operation • Video and Audio Messaging, with two-way talk • IP54 Ingress Protection, IK07 Vandal Resistance • Stainless Steel Panel • Surface- or Flush-mount Installation 	<p>DHI-VTH1660CH</p>  <p>10-in. Color Indoor Monitor</p> <ul style="list-style-type: none"> • 10.2-in. TFT LCD Capacitive Touchscreen • 10/100 Mbps Ethernet Connection • Supports Outdoor Station or IP Camera • Eight-wire Input Extension for Alarms and Appliances • Video and Audio Messaging with Two-way Talk • Micro SD Memory Card Slot • Surface-mount Installation
IP INTERCOM SYSTEM		TWO-WIRE SYSTEM		WiFi INTERCOM SYSTEM
<p>DHI-VTH1550CH</p>  <p>7-in. Color Indoor Monitor</p> <ul style="list-style-type: none"> • 7-in. TFT LCD Capacitive Touchscreen • 10/100 Mbps Ethernet Connection • Alarm Integration • Record and Snapshot Functions • Video and Audio Messaging with Two-way Talk • Micro SD Memory Card Slot • Surface-mount Installation 	<p>DHI-VTO2000A-2</p>  <p>Residential Outdoor Station</p> <ul style="list-style-type: none"> • 1.3 MP CMOS Sensor • Wide-angle Field of View • Night Vision and Voice Indication • Remote Unlock and Call to Management Center • Single Mechanical Button Call Operation • Video and Audio Messaging, with two-way talk • IP54 Ingress Protection, IK07 Vandal Resistance • Stainless Steel Panel • Surface- or Flush-mount Installation 	<p>VTH1550CHW-2</p>  <p>7-in. Color Indoor Monitor</p> <ul style="list-style-type: none"> • 7-in. TFT LCD Capacitive Touchscreen • 10/100 Mbps Ethernet Connection • Alarm Integration • Record and Snapshot Functions • Video and Audio Messaging with Two-way Talk • Micro SD Memory Card Slot • Surface-mount Installation 	<p>DHI-VTNC3000A</p>  <p>Two-wire Network Controller</p> <ul style="list-style-type: none"> • Two-wire Ports Supply Power and Signal to other Devices • RJ45 Port for LAN Connectivity • Surface-mount or DIN Rail-mount 	<p>DHI-VTO2111D-WP</p>  <p>1MP WiFi Residential Station</p> <ul style="list-style-type: none"> • 1/4-in. 1 MP CMOS Sensor • IEEE 802.11b/g/n WiFi • Night Vision and Voice Indication • Remote Intercom • IC Card Reader • Two-way talk • Micro SD Memory Card Slot • IP65 Ingress Protection • Surface- or Flush-mount Installation
WiFi INTERCOM SYSTEM		ACCESSORIES		
<p>DHI-VTH5221D</p>  <p>7-in. WiFi Color Touchscreen Monitor</p> <ul style="list-style-type: none"> • 7-in. TFT LCD Capacitive Touchscreen • IEEE 802.11b/g/n WiFi • 10/100 Mbps PoE Ethernet Connection • Supports Outdoor Station or IP Camera • Alarm Integration and Group Call • Record and Snapshot Functions • Video and Audio Messaging with Two-way Talk • Micro SD Memory Card Slot • Surface-mount Installation 	<p>VTOB102</p>  <p>Flush-mount Box</p> <ul style="list-style-type: none"> • Use with VTO1210C-X • Plastic Construction 	<p>VTOB103</p>  <p>Flush-mount Box</p> <ul style="list-style-type: none"> • Use with DHI-VTO1210C-X • Plastic Construction 	<p>VTOB107</p>  <p>Flush-mount Box</p> <ul style="list-style-type: none"> • Use with DHI-VTO2000A/ DHI-VTO2000A-2 • Metal Construction 	<p>VTOB108</p>  <p>Surface-mount Box</p> <ul style="list-style-type: none"> • Use with DHI-VTO2000A/ DHI-VTO2000A-2 • Metal Construction
<p>VTOB110</p>  <p>Surface-mount Box</p> <ul style="list-style-type: none"> • Use with DHI-VTO1210C-X • Metal Construction 	<p>IC-S50</p>  <p>IC Card</p> <ul style="list-style-type: none"> • MIFARE S50, 13.56 MHz • ISO/IEC 1443A Compatible • 10 cm (3.94 in.) Approximate Range 	<p>IC-SM</p>  <p>IC Key Fob</p> <ul style="list-style-type: none"> • MIFARE S50, 13.56 MHz • Contactless RFID • 10 cm (3.94 in.) Approximate Range 	<p>DHI-VTNS1060A</p>  <p>Network Power Supply</p> <ul style="list-style-type: none"> • Transmits Signal and Power Simultaneously • Connect up to Six Indoor Monitors 	<p>ADS-110DL-19-1 240072E</p>  <p>Power Supply Adapter</p> <ul style="list-style-type: none"> • Power Supply Adapter for VTNS1060A 24 VDC, 3A
MANAGEMENT SOFTWARE				
<p>SmartPSS</p>  <p>Smart Professional Surveillance System</p> <ul style="list-style-type: none"> • Efficient Device Management • Manage up to 256 Devices over a Maximum of 2000 Channels • Supports H.265 and H.264 Dual Video Compression Codes • Live Video Monitoring and Playback • Configure Video Wall Layout and Scheme • Configure NVR Recording • PTZ Camera Control • Intelligent Video System (IVS) with People Counting and Heat Map 				
 <p>The diagram illustrates a network architecture for the intercom system. It shows a Security Room with a SmartPSS monitor connected to a Standard IP Camera. A Community Gate with a VTO1210C-X device is connected to a Switch. The Standard IP Camera is connected to another Switch. This second Switch is connected to a central Switch that manages two other Switches. These two Switches are connected to various intercom devices: VTH1550CH, VTH1550CH, VTO1210C-X, and VTH1550CH. The diagram also shows a Power Supply Adapter connected to a VTO1210C-X device.</p>				