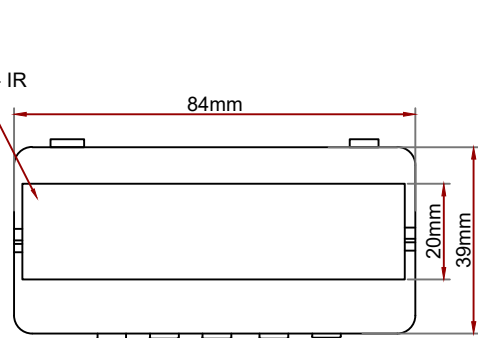
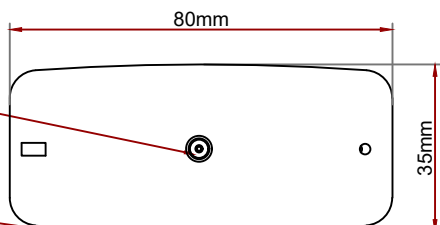


TOP VIEW OF TEMSEN - IR THERMAL BODY TEMPERATURE DETECTION UNIT



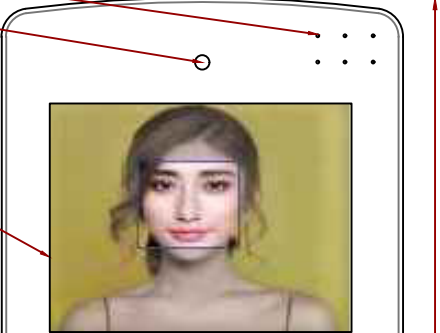
TOP VIEW

TEMSEN - IR THERMAL BODY TEMPERATURE DETECTION UNIT



SPEAKERS

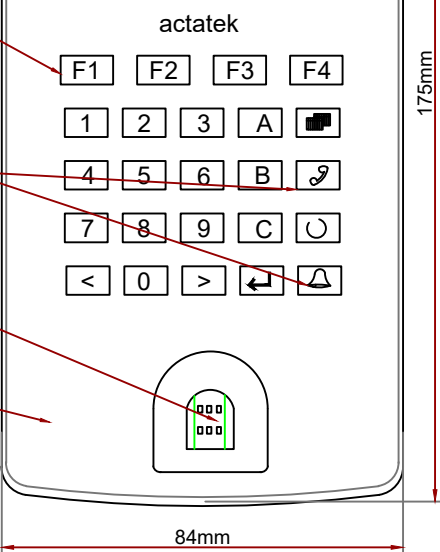
BUILT-IN CMOS CAMERA FACIAL RECOGNITION & QR AUTHENTICATION



LCD SCREEN WITH STANDBY INFORMATION

KEY PAD

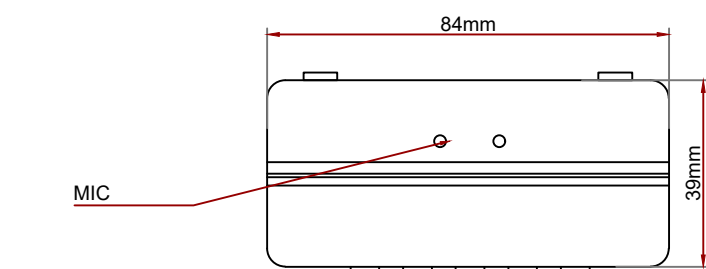
KEYPAD WITH SIP INTERCOM AND DOOR ALARM



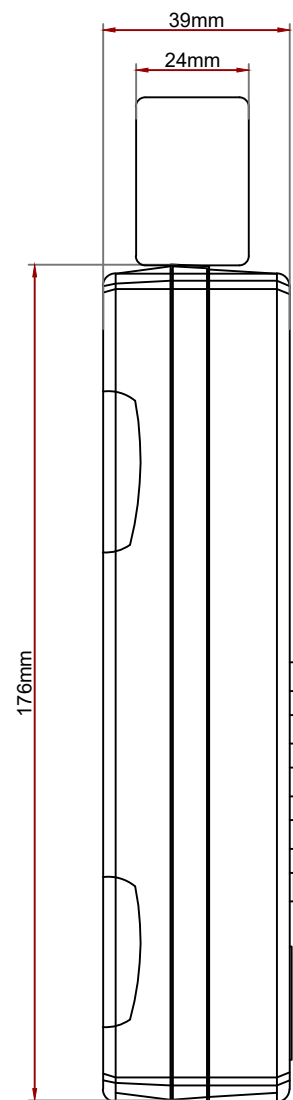
500dpi OPTICAL FINGER PRINT SCANNER

RFID CARD READER ANTENNA WITHINHOUSING ARCHITECTURE

FRONT ELEVATION

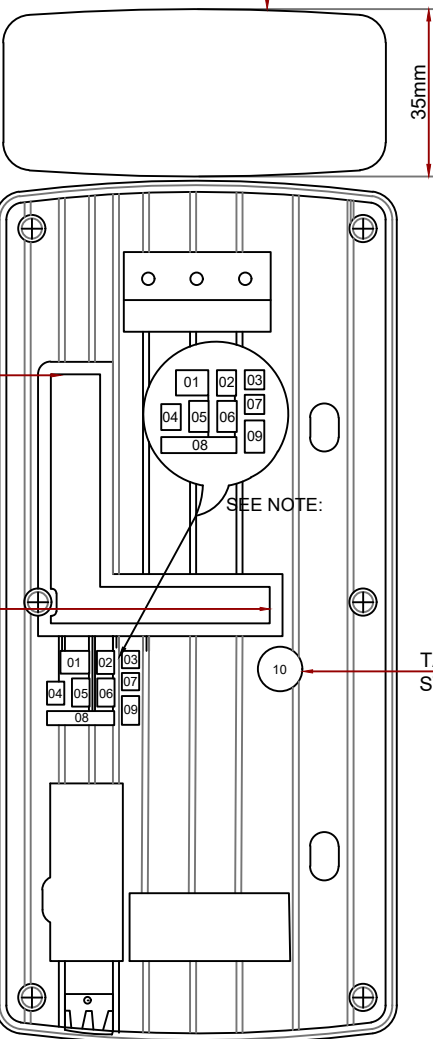


BOTTOM VIEW



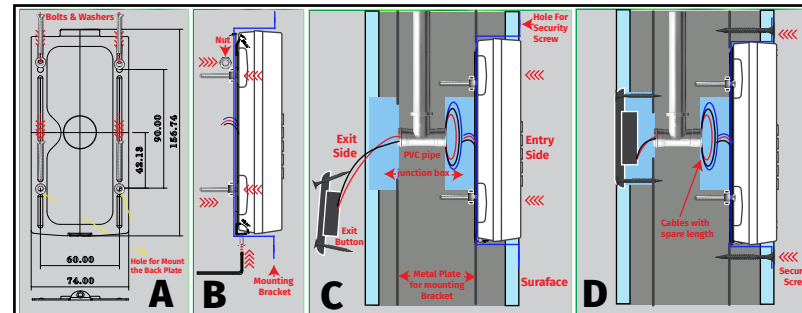
SIDE ELEVATION

TEMSEN-IR THERMAL BODY TEMPERATURE DETECTION UNIT



REAR ELEVATION

ACCESS CONTROL & TIME ATTENDANCE RECESSED INSTALLATION



Note:- There are different wall cladding, plywood, PVC, drywall, wall tiles, glass plate stainless steel and etc.. But mostly there's no mounting method that is feasible for them all, better consult the local architects to find the best solution.

Standard Features

Model:	Facial	Fingerprint	Smartcard	Smartcard + Fingerprint	Keycard
Fingerprint enrollment	Optional	✓	Optional	✓	Optional
Built-in smartcard reader	Optional	Optional	✓	✓	Optional
Face enrollment with video camera	Optional	Optional	Optional	Optional	Optional
Live detection	Optional	Optional	Optional	Optional	Optional
Built-in web and database server	✓	✓	✓	✓	✓
Number of users	basic 1,000 users can be upgrade to 100,000+				
Max. transaction records stored	10,000,000 logs / 20,000 images				
Static IP address assignment	✓	✓	✓	✓	✓
Dynamic IP address assignment	✓	✓	✓	✓	✓
Power Over Ethernet (Built-in)	Optional (IEEE 802.3af standards)				
Resolution of LCD	2.8" 64K256K colour TFT screen 320 x 240 pixel resolution				
Non-volatile memory	4GB				
Computer OS support (with internet browser)	Mac OS	Android	Windows OS	Linux PC	iPhone OS
Valid characters for employee ID	0-9, A-C (max. 10 characters)				
Programmable function keys support	F1, F2, F3, F4				
Authentication time	< 1 second				
Fingerprint Users capacity	250,000 (1:1) / 20,000 (1:N)				
Face Users capacity	50,000 (1:1) / 50,000 (1:N)				
Alert	by email and SMS, LCD message displayed				
Temsen: Body Thermometer (optional)	Power supply: 12VDC from ACTatek device Measuring range: 35.0 C - 42.8 C Abnormal alert: 37.5 C - 38 C Red LED Blinks Fever alert: 38.0 C - 42.8C Red LED Blinks Measuring distance: 100mm - 250mm Accuracy: +/- 0.2C Speed: 600ms Interface: RS232				

Model:	Facial	Fingerprint	Smartcard	Smartcard + Fingerprint	Keycard
Database interface support	OOBC / JDBC				
Encryption	AES 256-Bit (continuous upgrade)				
Multi-lingual support	✓	✓	✓	✓	✓
Network interface (Built-in)	- 1,000 BaseT Ethernet (built-in) / SNMP support - Wifi IEEE 802.11 a/b/g/n with 2.4G/5G				
IP interface	- RS-232 / RS-485 - Wiegand output (26bit) - Power to strike, 12VDC at max 500mA				
Export Report	CSV / Text file				
Remote Control	✓	✓	✓	✓	✓
Operation temperature	-20°C to 60°C				
Modules	CPU / Fingerprint	RFID card	PoE	Mifare / Desfire	13.56MHz
					WiFi
					LTE / 4G
					ISO14443A/B
					ISO15693
					GPS
					125kHz
					13.56MHz
					Colour LCD & keypad
Modes of authentication	Fingerprint, Facial, Smartcard, PIN, QR code				
	ID + Fingerprint, Facial + Fingerprint, Smartcard + Facial, Smartcard + PIN, QR code + Facial				
Mobile	Optional mobile battery				
Relay / Doorbell support	1 relay / 1 doorbell				
IP Intercom (Built-in)	Optional (SIP-enabled VoIP Intercom)				
LTE/4G module (Built-in)	Optional				
Standards (Fingerprint / Facial)	Fingerprint: ISO 19794-2, NIST, ANSI310, FBI, NIST1418, NIST1419, NIST1420, NIST1421, NIST1422, NIST1423, NIST1424, NIST1425, NIST1426, NIST1427, NIST1428, NIST1429, NIST1430, NIST1431, NIST1432, NIST1433, NIST1434, NIST1435, NIST1436, NIST1437, NIST1438, NIST1439, NIST1440, NIST1441, NIST1442, NIST1443, NIST1444, NIST1445, NIST1446, NIST1447, NIST1448, NIST1449, NIST1450, NIST1451, NIST1452, NIST1453, NIST1454, NIST1455, NIST1456, NIST1457, NIST1458, NIST1459, NIST1460, NIST1461, NIST1462, NIST1463, NIST1464, NIST1465, NIST1466, NIST1467, NIST1468, NIST1469, NIST1470, NIST1471, NIST1472, NIST1473, NIST1474, NIST1475, NIST1476, NIST1477, NIST1478, NIST1479, NIST1480, NIST1481, NIST1482, NIST1483, NIST1484, NIST1485, NIST1486, NIST1487, NIST1488, NIST1489, NIST1490, NIST1491, NIST1492, NIST1493, NIST1494, NIST1495, NIST1496, NIST1497, NIST1498, NIST1499, NIST1500, NIST1501, NIST1502, NIST1503, NIST1504, NIST1505, NIST1506, NIST1507, NIST1508, NIST1509, NIST1510, NIST1511, NIST1512, NIST1513, NIST1514, NIST1515, NIST1516, NIST1517, NIST1518, NIST1519, NIST1520, NIST1521, NIST1522, NIST1523, NIST1524, NIST1525, NIST1526, NIST1527, NIST1528, NIST1529, NIST1530, NIST1531, NIST1532, NIST1533, NIST1534, NIST1535, NIST1536, NIST1537, NIST1538, NIST1539, NIST1540, NIST1541, NIST1542, NIST1543, NIST1544, NIST1545, NIST1546, NIST1547, NIST1548, NIST1549, NIST1550, NIST1551, NIST1552, NIST1553, NIST1554, NIST1555, NIST1556, NIST1557, NIST1558, NIST1559, NIST1560, NIST1561, NIST1562, NIST1563, NIST1564, NIST1565, NIST1566, NIST1567, NIST1568, NIST1569, NIST1570, NIST1571, NIST1572, NIST1573, NIST1574, NIST1575, NIST1576, NIST1577, NIST1578, NIST1579, NIST1580, NIST1581, NIST1582, NIST1583, NIST1584, NIST1585, NIST1586, NIST1587, NIST1588, NIST1589, NIST1590, NIST1591, NIST1592, NIST1593, NIST1594, NIST1595, NIST1596, NIST1597, NIST1598, NIST1599, NIST1600, NIST1601, NIST1602, NIST1603, NIST1604, NIST1605, NIST1606, NIST1607, NIST1608, NIST1609, NIST1610, NIST1611, NIST1612, NIST1613, NIST1614, NIST1615, NIST1616, NIST1617, NIST1618, NIST1619, NIST1620, NIST1621, NIST1622, NIST1623, NIST1624, NIST1625, NIST1626, NIST1627, NIST1628, NIST1629, NIST1630, NIST1631, NIST1632, NIST1633, NIST1634, NIST1635, NIST1636, NIST1637, NIST1638, NIST1639, NIST1640, NIST1641, NIST1642, NIST1643, NIST1644, NIST1645, NIST1646, NIST1647, NIST1648, NIST1649, NIST1650, NIST1651, NIST1652, NIST1653, NIST1654, NIST1655, NIST1656, NIST1657, NIST1658, NIST1659, NIST1660, NIST1661, NIST1662, NIST1663, NIST1664, NIST1665, NIST1666, NIST1667, NIST1668, NIST1669, NIST1670, NIST1671, NIST1672, NIST1673, NIST1674, NIST1675, NIST1676, NIST1677, NIST1678, NIST1679, NIST1680, NIST1681, NIST1682, NIST1683, NIST1684, NIST1685, NIST1686, NIST1687, NIST1688, NIST1689, NIST1690, NIST1691, NIST1692, NIST1693, NIST1694, NIST1695, NIST1696, NIST1697, NIST1698, NIST1699, NIST1700, NIST1701, NIST1702, NIST1703, NIST1704, NIST1705, NIST1706, NIST1707, NIST1708, NIST1709, NIST1710, NIST1711, NIST1712, NIST1713, NIST1714, NIST1715, NIST1716, NIST1717, NIST1718, NIST1719, NIST1720, NIST1721, NIST1722, NIST1723, NIST1724, NIST1725, NIST1726, NIST1727, NIST1728, NIST1729, NIST1730, NIST1731, NIST1732, NIST1733, NIST1734, NIST1735, NIST1736, NIST1737, NIST1738, NIST1739, NIST1740, NIST1741, NIST1742, NIST1743, NIST1744, NIST1745, NIST1746, NIST1747, NIST1748, NIST1749, NIST1750, NIST1751, NIST1752, NIST1753, NIST1754, NIST1755, NIST1756, NIST1757, NIST1758, NIST1759, NIST1760, NIST1761, NIST1762, NIST1763, NIST1764, NIST1765, NIST1766, NIST1767, NIST1768, NIST1769, NIST1770, NIST1771, NIST1772, NIST1773, NIST1774, NIST1775, NIST1776, NIST1777, NIST1778, NIST1779, NIST1780, NIST1781, NIST1782, NIST1783, NIST1784, NIST1785, NIST1786, NIST1787, NIST1788, NIST1789, NIST1790, NIST1791, NIST1792, NIST1793, NIST1794, NIST1795, NIST1796, NIST1797, NIST1798, NIST1799, NIST1800, NIST1801, NIST1802, NIST1803, NIST1804, NIST1805, NIST1806, NIST1807, NIST1808, NIST1809, NIST1810, NIST1811, NIST1812, NIST1813, NIST1814, NIST1815, NIST1816, NIST1817, NIST1818, NIST1819, NIST1820, NIST1821, NIST1822, NIST1823, NIST1824, NIST1825, NIST1826, NIST1827, NIST1828, NIST1829, NIST1830, NIST1831, NIST1832, NIST1833, NIST1834, NIST1835, NIST1836, NIST1837, NIST1838, NIST1839, NIST1840, NIST1841, NIST1842, NIST1843, NIST1844, NIST1845, NIST1846, NIST1847, NIST1848, NIST1849, NIST1850, NIST1851, NIST1852, NIST1853, NIST1854, NIST1855, NIST1856, NIST1857, NIST1858, NIST1859, NIST1860, NIST1861, NIST1862, NIST1863, NIST1864, NIST1865, NIST1866, NIST1867, NIST1868, NIST1869, NIST1870, NIST1871, NIST1872, NIST1873, NIST1874, NIST1875, NIST1876, NIST1877, NIST1878, NIST1879, NIST1880, NIST1881, NIST1882, NIST1883, NIST1884, NIST1885, NIST1886, NIST1887, NIST1888, NIST1889, NIST1890, NIST1891, NIST1892, NIST1893, NIST1894, NIST1895, NIST1896, NIST1897, NIST1898, NIST1899, NIST1900, NIST1901, NIST1902, NIST1903, NIST1904, NIST1905, NIST1906, NIST1907, NIST1908, NIST1909, NIST1910, NIST1911, NIST1912, NIST1913, NIST1914, NIST1915, NIST1916, NIST1917, NIST1918, NIST1919, NIST1920, NIST1921, NIST1922, NIST1923, NIST1924, NIST1925, NIST1926, NIST1927, NIST1928, NIST1929, NIST1930, NIST1931, NIST1932, NIST1933, NIST1934, NIST1935, NIST1936, NIST1937, NIST1938, NIST1939, NIST1940, NIST1941, NIST1942, NIST1943, NIST1944, NIST1945, NIST1946, NIST1947, NIST1948, NIST1949, NIST1950, NIST1951, NIST1952, NIST1953, NIST1954, NIST1955, NIST1956, NIST1957, NIST1958, NIST1959, NIST1960, NIST1961, NIST1962, NIST1963, NIST1964, NIST1965, NIST1966, NIST1967, NIST1968, NIST1969, NIST1970, NIST1971, NIST1972, NIST1973, NIST1974, NIST1975, NIST1976, NIST1977, NIST1978, NIST1979, NIST1980, NIST1981, NIST1982, NIST1983, NIST1984, NIST1985, NIST1986, NIST1987, NIST1988, NIST1989, NIST1990, NIST1991, NIST1992, NIST1993, NIST1994, NIST1995, NIST1996, NIST1997, NIST1998, NIST1999, NIST2000, NIST2001, NIST2002, NIST2003, NIST2004, NIST2005, NIST2006, NIST2007, NIST2008, NIST2009, NIST2010, NIST2011, NIST2012, NIST2013, NIST2014, NIST2015, NIST2016, NIST2017, NIST2018, NIST2019, NIST2020, NIST2021, NIST2022, NIST2023, NIST2024, NIST2025, NIST2026, NIST2027, NIST2028, NIST2029, NIST2030, NIST2031, NIST2032, NIST2033, NIST2034, NIST2035, NIST2036, NIST2037, NIST2038, NIST2039, NIST2040, NIST2041, NIST2042, NIST2043, NIST2044, NIST2045, NIST2046, NIST2047, NIST2048, NIST2049, NIST2050, NIST2051, NIST2052, NIST2053, NIST2054, NIST2055, NIST2056, NIST2057, NIST2058, NIST2059, NIST2060, NIST2061, NIST2062, NIST2063, NIST2064, NIST2065, NIST2066, NIST2067, NIST2068, NIST2069, NIST2070, NIST2071, NIST2072, NIST2073, NIST2074, NIST2075, NIST2076, NIST2077, NIST2078, NIST2079, NIST2080, NIST2081, NIST2082, NIST2083, NIST2084, NIST2085, NIST2086, NIST2087, NIST2088, NIST2089, NIST2090, NIST2091, NIST2092, NIST2093, NIST2094, NIST2095, NIST2096, NIST2097, NIST2098, NIST2099, NIST2100, NIST2101, NIST2102, NIST2103, NIST2104, NIST2105, NIST2106, NIST2107, NIST2108, NIST2109, NIST2110, NIST2111, NIST2112, NIST2113, NIST2114, NIST2115, NIST2116, NIST2117, NIST2118, NIST2119, NIST2120, NIST2121, NIST2122, NIST2123, NIST2124, NIST2125, NIST2126, NIST2127, NIST2128, NIST2129, NIST2130, NIST2131, NIST2132, NIST2133, NIST2134, NIST2135, NIST2136, NIST2137, NIST2138, NIST2139, NIST2140, NIST2141, NIST2142, NIST2143, NIST2144, NIST2145, NIST2146, NIST2147, NIST2148, NIST2149, NIST2150, NIST2151, NIST2152, NIST2153, NIST2154, NIST2155, NIST2156, NIST2157, NIST2158, NIST2159, NIST2160, NIST2161, NIST2162, NIST2163, NIST2164, NIST2165, NIST2166, NIST2167, NIST2168, NIST2169, NIST2170, NIST2171, NIST2172, NIST2173, NIST2174, NIST2175, NIST2176, NIST2177, NIST2178, NIST2179, NIST2180, NIST2181, NIST2182, NIST2183, NIST2184, NIST2185, NIST2186, NIST2187, NIST2188, NIST2189, NIST2190, NIST2191, NIST2192, NIST2193, NIST2194, NIST2195, NIST2196, NIST2197, NIST2198, NIST2199, NIST2200, NIST2201, NIST2202, NIST2203, NIST2204, NIST2205, NIST2206, NIST2207, NIST2208, NIST2209, NIST2210, NIST2211, NIST2212, NIST2213, NIST2214, NIST2215, NIST2216, NIST2217, NIST2218, NIST2219, NIST2220, NIST2221, NIST2222, NIST2223, NIST2224, NIST2225, NIST2226, NIST2227, NIST2228, NIST2229, NIST2230, NIST2231, NIST2232, NIST2233, NIST2234, NIST2235, NIST2236, NIST2237, NIST2238, NIST2239, NIST2240, NIST2241, NIST2242, NIST2243, NIST2244, NIST2245, NIST2246, NIST2247, NIST2248, NIST2249, NIST2250, NIST2251, NIST2252, NIST2253, NIST2254, NIST2255, NIST2256, NIST2257, NIST2258, NIST2259, NIST2260, NIST2261, NIST2262, NIST2263, NIST2264, NIST2265, NIST2266, NIST2267, NIST2268, NIST2269, NIST2270, NIST2271, NIST2272, NIST2273, NIST2274, NIST2275, NIST2276, NIST2277, NIST2278, NIST2279, NIST2280, NIST2281, NIST2282, NIST2283, NIST2284, NIST2285, NIST2286, NIST2287, NIST2288, NIST2289, NIST2290, NIST2291, NIST2292, NIST2293, NIST2294, NIST2295, NIST2296, NIST2297, NIST2298, NIST2299, NIST2300, NIST2301, NIST2302, NIST2303, NIST2304, NIST2305, NIST2306, NIST2307, NIST2308, NIST2309, NIST2310, NIST2311, NIST2312, NIST2313, NIST2314, NIST2315, NIST2316, NIST2317, NIST2318, NIST2319, NIST2320, NIST2321, NIST2322, NIST2323, NIST2324, NIST2325, NIST2326, NIST2327, NIST2328, NIST2329, NIST2330, NIST2331, NIST2332, NIST2333, NIST2334, NIST2335, NIST2336, NIST2337, NIST2338, NIST2339, NIST2340, NIST2341, NIST2342, NIST2343, NIST2344, NIST2345, NIST2346, NIST2347, NIST2348, NIST2349, NIST2350, NIST2351, NIST2352, NIST2353, NIST2354, NIST2355, NIST2356, NIST2357, NIST2358, NIST2359, NIST2360, NIST2361, NIST2362, NIST2363, NIST2364, NIST2365, NIST2366, NIST2367, NIST2368, NIST2369, NIST2370, NIST2371, NIST2372, NIST2373, NIST2374, NIST2375, NIST2376, NIST2377, NIST2378, NIST2379, NIST2380, NIST2381, NIST2382, NIST2383, NIST2384, NIST2385, NIST2386, NIST2387, NIST2388, NIST2389, NIST2390, NIST2391, NIST2392, NIST2393, NIST2394, NIST2395, NIST2396, NIST2397, NIST2398, NIST2399, NIST2400, NIST2401, NIST2402, NIST2403, NIST2404, NIST2405, NIST2406, NIST2407, NIST2408, NIST2409, NIST2410, NIST2411, NIST2412, NIST2413, NIST2414, NIST2415, NIST2416, NIST2417, NIST2418, NIST2419, NIST2420, NIST2421, NIST2422, NIST2423, NIST2424, NIST2425, NIST2426, NIST2427, NIST2428, NIST2429, NIST2430, NIST2431, NIST2432, NIST2433, NIST2434, NIST2435, NIST2436, NIST2437, NIST2438, NIST2439, NIST2440, NIST2441, NIST2442, NIST2443, NIST2444, NIST2445, NIST2446, NIST2447, NIST2448, NIST2449, NIST2450, NIST2451, NIST2452, NIST2453, NIST2454, NIST2455, NIST2456, NIST2457, NIST2458, NIST2459, NIST2460, NIST2461, NIST2462, NIST2463, NIST2464, NIST2465, NIST2466, NIST2467, NIST2468, NIST2469, NIST2470, NIST2471, NIST2472, NIST2473, NIST2474, NIST2475, NIST2476, NIST2477, NIST2478, NIST2479, NIST2480, NIST2481, NIST2482, NIST2483, NIST2484, NIST2485, NIST2486, NIST2487, NIST2488, NIST2489, NIST2490, NIST2491, NIST2492, NIST2493, NIST2494, NIST2495, NIST2496, NIST2497, NIST2498, NIST2499, NIST2500, NIST2501, NIST2502, NIST2503, NIST2504, NIST2505, NIST2506, NIST2507, NIST2508, NIST2509, NIST2510, NIST2511, NIST2512, NIST2513, NIST2514, NIST2515, NIST2516, NIST2517, NIST2518, NIST2519, NIST2520, NIST2521, NIST2522, NIST2523, NIST2524, NIST2525, NIST2526, NIST2527, NIST2528, NIST2529, NIST2530, NIST2531, NIST2532, NIST2533, NIST2534, NIST2535, NIST2536, NIST2537, NIST2538, NIST2539, NIST2540, NIST2541, NIST2542, NIST2543, NIST2544, NIST2545, NIST2546, NIST2547, NIST2548, NIST2549, NIST2550, NIST2551, NIST2552, NIST2553, NIST2554, NIST2555, NIST2556, NIST2557, NIST2558, NIST2559, NIST2560, NIST2561, NIST2562, NIST2563, NIST2564, NIST2565, NIST2566, NIST2567, NIST2568, NIST2569, NIST2570, NIST2571, NIST2572, NIST2573, NIST2574, NIST2575, NIST2576, NIST2577, NIST2578, NIST2579, NIST2580, NIST2581, NIST2582, NIST2583, NIST2584, NIST2585, NIST2586, NIST2587, NIST2588, NIST2589, NIST2590, NIST2591, NIST2592, NIST2593, NIST2594, NIST2595, NIST2596, NIST2597, NIST2598, NIST2599, NIST2600, NIST2601, NIST2602, NIST2603, NIST2604, NIST2605, NIST2606, NIST2607, NIST2608, NIST2609, NIST2610, NIST2611, NIST2612, NIST2613, NIST2614, NIST2615, NIST2616, NIST2617, NIST2618, NIST2619, NIST2620, NIST2621, NIST2622, NIST2623, NIST2624, NIST2625, NIST2626, NIST2627, NIST2628, NIST2629, NIST2630, NIST2631, NIST2632, NIST2633, NIST2634, NIST2635, NIST2636, NIST2637, NIST2638, NIST2639, NIST2640, NIST2641, NIST2642				